OPERATING LOCATION - A USAFETAC Air Weather Service (MAC)



REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

ANDERSEN AFB GUAM,

MSC# 912180

E 144 56 N 13 35

ELEV 612 FT

PGUA

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:

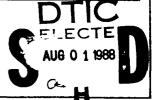
HOURLY OBSERVATIONS: JAN 78 - DEC 87

SUMMARY OF DAY DATA: MAY 48 - DEC 87

JUN 2 7 1988

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ASHEVILLE, N.C. 28801 - 2723



Best Available Copy

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- 19 Abstract: A six-part statistical data summary of surface weather observations for: Anderson AFB Guam. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use. rayum h.
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- 22a Name of Responsible Individual: Marianne L. Cavanaugh Telephone: (618)256-2625 22b

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/028 (RUSSWO) ANDERSON AFB GUAM Jun 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN

Scientific and Technical Information Program Manager

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STATION NAME: ANDERSEN AFB GUAM

STATION NUMBER: 912180

PERIOD OF RECORD:

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CALL ID: PGUA

HOURS SUMMARIZED: COOC-2300 LST

HOURLY OBSERVATIONS: JAN 78 - DEC 87

SUMMARY OF DAY DATA: MAY 48 - DEC 87

TIME CONVERSION LST TO GMT: -10

NOTE: DUE TO ADVANCED AND MORE THOROUGH QUALITY ASSURANCE PROCEDURES EMPLOYED AT USAFETAC/OL-A, MINOR CHANGES TO THE DATA AND STATISTICAL VALUES FROM PREVIOUSLY PUBLISHED RUSSWOS MAY OCCUR.

OL-A/USAFETAC/MAC/AWS ASHEVILLE NC 28801

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE HANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1400-2500, 2100-2500 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART B: PRECIPITATION. SNOWFALL. AND SNOW DEPTH SUMMARTES

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF
THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (O THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER,
A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO
AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.



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| min br | GEOGRAPI | HICAL LOCATION & NAM | Type of - | At This Locati | LATITUDE | LONGITUDE | Klev Ab | | OBS DAY |
| oc | | | Station | From To | | <u>:</u> | | BARO (FT) | + |
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| lm þr | Date of | SURFACE WI | ND EQUIPMENT | INFORMATION | | | | | |
| mbr of Loc | Date of Change | SURFACE WII | ND EQUIPMENT | INFORMATION TYPE OF TRANSMITTER | TYPE OF RECORDER | ET ABOVE | اخرافينيت بالا | DOLTT ON A | |
| of | | Located on bldg Atop wea station Same Atop observing sta | | TYPE OF TRANSMITTER Anemometer GMQ-1A Same Same | TYPE OF RECORDER N/A ML-204B Same Same | HT ABOVE GROUND 35 ft 35 ft 35 ft 35 ft | | | |
| of Loc | Change | LOCATION Located on bldg Atop wea station Same Same Atop observing star roof On roof of wea star | nd on baseops | TYPE OF TRANSMITTER Anemometer GMQ-1A Same GMQ-1 | N/A ML-204B Same | 35 ft 1-3 | | | |
| 1 23345 | May 48 May 55 Apr 54 May 55 Mar 57 Mar 59 | LOCATION Located on bldg Atop wea station Same Same Atop observing star roof On roof of wea star | nd on baseops | TYPE OF TRANSMITTER Anemometer GMQ-1A Same GMQ-1 | N/A ML-204B Same Same Same | 35 ft 5 5 5 5 5 5 5 5 5 | | | |
| 123345 67 | May 48 May 55 Apr 55 Mar 57 Mar 59 Apr 60 | LOCATION Located on bldg Atop wea station Same Same Atop observing star roof On roof of wea star | nd on baseops | TYPE OF TRANSMITTER Anemometer GMQ-1A Same GMQ-1 | N/A ML-204B Same Same Same ML-204 RO-2 Same RO-362 Same | 35 ft Same 13 ft 30 ft 15 ft 13 ft Same Same | | | |
| 100045 67 8 9 | May 485 May 554 May 557 Mar 557 Mar 60 Apr 63 | Located on bldg Atop wea station Same Same Atop observing star | nd on baseops | TYPE OF TRANSMITTER Anemometer GMQ-1A Same GMQ-1 | N/A ML-204B Same Same Same ML-204 RO-2 Same | 35 ft Same 135 ft 137 ft Same | | | |

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY:

- 1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
- 2. DATA BASED ON HOURLY OBSERVATIONS.
- 3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY:

- 1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
- 2. DATA BASED ON SUMMARY OF DAY DATA.
- 3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

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THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS (SLEET).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE
OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY
EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG. ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SHOW: ALL REPORTED BLOWING SHOW INCLUDING DRIFTING WHEN REPORTED.

OUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/B MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISIOM: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIOUAL COLUMNS MAY EXCEED THIS COLUMN.

*

NOTES:

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- 1. A VALUE IN THE TABLES OF ".O" INDICATES LESS THAN .DS% OCCURRENCE (USUALLY ONLY ONE OCCURRENCE).
- 2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYMOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. LEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTALTED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| STATION NUMBER: 9 | 912180 S | TATION NAME: | ANDERSEN | AFB GUA | H | | | PERIOD OF RECORD | : 78-87 | | |
|--------------------|----------|------------------------------|-----------------------------------|-----------------------|-------------|-------------------------|-----|------------------------------------|----------------------|---------------------------------|--------------|
| HOURS ((LST) (| Ţ | RAIN STHS E/OR ORIZZLE | FRZING RAIN &/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR BLOWING HAZE SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
| 00-02 | | 4.4 | | | • • • • • • | 4.4 | •8 | | ****** | -8 | 927 |
| 03-05 | 1 | 5.2 | | | | 5.2 | 1.1 | | | 1.1 | 927 |
| 06-08 | ļ. | 5.4 | | | | 5.4 | • 4 | •1 | | • 5 | 927 |
| 09-11 | 1 | 5.0 | | | | 5.0 | . 8 | .3 | | 1.1 | 929 |
| 12-14 | 1 | 4,4 | | | | 4.4 | • 5 | •1 | | .6 | 9 3 0 |
| 15-17 | l | 4.4 | | | | 4.4 | • 6 | • 1 | | . 8 | 9 30 |
| 18-20 | 1 | 4.6 | | | | 4.6 | . 4 | | | . 4 | 9 30 |
| 21-23 | 1 | 4.4 | | | | 4.4 | .4 | | | .4 | 9 30 |
| TOTALS | ı | 4.7 | | | | 4.7 | • 6 | •1 | | • 7 | 74 30 |

| STATION NUMBER: | 912180 | STATIO | ON NAME: | ANDERSEN | AFB GUA | 4 | | | PERIOD OF RECORD |): 78-87 | • | | |
|-----------------|--------|--------|-------------------------|-----------------------------------|-----------------------|-------------|-------------------------|-------|---|----------------------|---|----------------|-----|
| HOURS (LST) | | TSTMS | RAIN &/OR ORIZZLE | FRZING RAIN &/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR BLOWING HAZE SNOW | DUST &/OR SAND | AIZION ALCH ACBZI ACBZI ACBZION | TOT AL OB S | ••• |
| 00-02 | i | ••••• | 6.9 | • • • • • • • • • • | • • • • • • • | • • • • • • | 6.9 | 1.5 | • | ••••• | 1,5 | 846 | |
| 03-05 | 1 | | 9.9 | | | | 9.9 | . 9 | | | .9 | 86% | : |
| 06-08 | ı | | 8.0 | | | | 8.0 | 1.7 | | | 1.7 | 846 | ; |
| 09~11 | 1 | • 2 | 6.9 | | | | 6.9 | 2.1 | .4 | | 2.5 | 846 | |
| 12-14 | 1 | | 6.4 | | | | 6.4 | 1.9 | | | 1,9 | 846 | 1 |
| 15-17 | ı | | 5.8 | | | | 5.8 | 2.2 | •2 | | 2.5 | 846 | |
| 18~20 | ı | | 5.7 | | | | 5.7 | 1 • 2 | | | 1.2 | 846 | |
| 21-23 | | | 6.7 | | | | 6.7 | .7 | | | • 7 | 846 | i |
| TOTALS | 1 | •0 | 7.0 | | • | • | 7.0 | 1.5 | •1 | | 1.6 | 6768 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: MAR SMOKE % OBS WITH PRECIP * 0BS SNOW Dust HOURS E/OR DRIZZLE RAIN E/OR E/OR SLEET E/OR BLOWING E/OR SAND W/OBST TOTAL OBS FOG VISION DRIZZLE 930 00-02 1 03-05 | 4.7 . 4 9 30 06-08 9 30 . 3 09-11 | 9 3G 12-14 | . 6 . 1 9 30 15-17 | . 3 . 1 930 18-20 | 930 21-23 | 930 7440

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: APR

| HOURS (LST) | TSTMS | RAIN &/OR ORIZZLE | FRZING RAIN E/OR Drizzle | SNOW E/OR SLEET | HAIL | * OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOT AL OB S | • • • 1 |
|----------------|-----------------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|---------------|-----------------------|-----------------|----------------------|---------------------------------|----------------|---------|
| 00-02 | ii | 3.8 | • • • • • • • • • | ••••• | | 3.8 | • • • • • • • | 1.7 | •••••• | ••••• | 1.7 | 9 00 | ••• |
| 03-05 | ı | 4.1 | | | | 4 - 1 | . 1 | 1.9 | | | 2.0 | 9 00 | |
| 06-08 | ı | 4 • 2 | | | | 4.2 | .4 | 1.4 | | | 1.9 | 900 | |
| 09-11 | i | 3.6 | | | | 3.6 | . 3 | 1.3 | | | 1.7 | 900 | i |
| 12-14 | l .1 | 3.0 | | | | 3.0 | • 2 | 1.3 | | | 1.6 | 900 | |
| 15-17 | .1 | 3.2 | | | | 3.2 | . 3 | 1.3 | | | 1.7 | 900 | |
| 18-20 | l •1 | 3.4 | | | | 3.4 | - 6 | 1.3 | | | 1.9 | 900 | 1 |
| 21-23 | l •2 | 2.9 | | | | 2.9 | . 1 | 1.4 | | | 1.6 | 900 | 1 |
| TOTALS | l .1 | 3.5 | | | | 3.5 | . 3 | 1.5 | | | 1.8 | 7200 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| STATION NUMBER: | 912180 | STATION | | | | н | | | PERIOD Month: | OF RECORD: | 78-87 | | |
|-----------------|--------|-------------|------------------------|---|-----------------------|-------------|---|-------|-----------------------|-----------------|----------------------|---------------------------------|------------------|
| HOURS (LST) | | TSTMS D | RAIN &/OR PIZZLE | FRZING RAIN E/OR ORIZZLE | SNOW E/OR SLEET | HAIL | # OBS WITH PRECIP | FOG | SMOKE £/OR HAZE | SNOA Broaine | DUST E/OR SAND | T OBS W/OBST TO VISION | TOTAL OBS |
| 00-03 | i | • • • • • • | 5.8 | ••••• | • • • • • • • | • | 5 . 8 | -5 | -1 | •••••• | .1 | .6 | 930 |
| 03-05 | i | | 6.1 | | | | 6.1 | • 5 | • 3 | | | . 9 | 9 30 |
| 06-08 | t | | 6.7 | | | | 6.7 | • 9 | • 1 | | | 1.0 | 9 30 |
| 09-11 | 1 | • 3 | 4.5 | | | | 4.5 | 1.0 | • 2 | | | 1.2 | 9 3 _D |
| 12-14 | 1 | | 6.5 | | | | 6.5 | 1.0 | • 1 | | | 1.1 | 9 30 |
| 15-17 | i | | 5.6 | | | | 5.6 | . 9 | | | | • 9 | 9 30 |
| 18-20 | ı | | 6.0 | | | | 6.0 | 1.0 | • 1 | | .1 | 1.1 | 9 30 |
| 21-23 | 1 | •1 | 4.7 | | | | 4.7 | . 4 | • 3 | | •1 | .8 | 9 30 |
| TOTALS | 1 | • 1 | 5.7 | | | | 5 • 7 | • 8 | •2 | | •0 | 1.0 | 7440 |
| | ••••• | • • • • • • | ••••• | • | • • • • • • • | • • • • • • | • | ••••• | • • • • • • • | ••••• | • • • • • | ••••• | |

| STRITON NUMBER: | 712190 | SINITU | N NAME: | VuDEKZEN | AFB GUAP | ı | | | HONTH: JUN | . 10-61 | | | |
|-----------------|--------|---------|-------------------------|-----------------------------------|-----------------------|-------------|-------------------------|-----|---|----------------------|---------------------------------|--------------|-----|
| HOURS (LST) | | TSTHS (| RAIN E/OR Drizzle | FRZING RAIN G/OR DRIZZLE | SNOW &/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE &/OR BLOWING HAZE SNOW | DUST E/OR SAND | # QBS W/CBST TO VISION | TOTAL OBS | |
| 00-02 | i | .1 | 6.7 | ••••• | • • • • • • • • | • • • • • • | 6.7 | • 1 | • | ••••• | .1 | 900 | ••• |
| 03-05 | i | | 6.7 | | | | 6.7 | •1 | | | - 1 | 9 00 | |
| 06-08 | 1 | | 5.1 | | | | 5.1 | • 2 | | | .2 | 9 00 | |
| 09-11 | t | .1 | 6.3 | | | | 6 • 3 | • 3 | | | . 3 | 900 | |
| 12-14 | ł | • 1 | 6.4 | | | | 6.4 | . 8 | | | .8 | 9 00 | : |
| 15-17 | ı | .6 | 7.7 | | | | 7 • 7 | . 2 | | | .2 | 900 | Ì |
| 18-20 | 1 | | 6.6 | | | | 6.6 | • 2 | | | • 2 | 900 | 1 |
| 21-23 | 1 | • 1 | 5.7 | | | | 5.7 | .2 | | | • 2 | 9 00 | ! |
| TOTALS | í | . 1 | 6.4 | | | | 6.4 | | | | .3 | 7200 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| STATION NUMBER: | 912180 9 | OITATE | N NAME: | ANDERSEN | AFB GUA | М | | | PERIOD OF R | ECORD: 78-87 | | | |
|-----------------|----------|----------|-------------------------|-----------------------------------|-----------------------|-------|-------------------------|-----|-------------------------------|--------------|---------------------------------|------------------|---------|
| HOURS (LST) | ļ , | r S TM S | RAIN &/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HA1L | % 08S WITH PRECIP | FOG | SMOKE E/OR BLOW HAZE SN | | # OBS W/OBST TO VISION | TOT AL OB S | |
| 00-02 | i I | . 9 | 9.2 | • • • • • • • • • • | • • • • • • • • | ••••• | 9.2 | .3 | | •••••• | .3 | 930 | • • • • |
| 03-05 | ı | . 8 | 9.8 | | | | 9.8 | • 1 | | | •1 | 9 3 0 | |
| 06-08 | i | . 3 | 10.5 | | | | 10.5 | .6 | | | .6 | 9 30 | |
| 09-11 | ı | . 2 | 9.0 | | | | 9.0 | • 5 | | | .5 | 930 | |
| 12-14 | ı | . 3 | 10.6 | | | | 10.6 | . 5 | | | • 5 | 9 30 | |
| 15-17 | 1 | 1.2 | 11.7 | | | | 11.7 | . 8 | . 1 | •1 | 1.0 | 9 30 | |
| 18-20 | 1 | . 8 | 11.5 | | | | 11.5 | • 2 | | •2 | .4 | 9 30 | |
| 21-23 | | 1.1 | 9.1 | | | | 9.1 | •- | | '* | • • | 9 3 _D | |
| | • | | | | | | _ | | | | | _ | |
| TATALE | | 7 | 1.0 2 | | | | 10 3 | 4. | _ | • | | 2440 | |

| STATION NUMBER: | 912180 | STATIO | N NAME: | ANDERSEN | AFP GUAN | • | | | PERIOD OF RECORD | : 78-97 | | | |
|-----------------|--------|--------|-------------------------|-----------------------------------|-----------------------|-------------|-------------------------|-----|---|----------------------|----------------------------------|--------------|---------|
| HDURS (LST) | | TSTMS | RAIN E/OR DRIZZLE | FRZING RAIN G/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS With Precip | FoG | SMOKE E/OR BLOWING HAZE SNOW | DUST &/OR SAND | \$ 085 W/085T TO VISION | TOTAL OBS | • • • • |
| 00-02 | 1 | . 3 | 13.0 | • • • • • • • • • • | • • • • • • • • | • • • • • • | 13.0 | . 4 | • | • • • • • • • | .4 | 9 30 | ••• |
| 03-05 | 5 1 | . 8 | 15.1 | | | | 15.1 | . 4 | | | .4 | 9 30 | |
| 06-08 | L 4 | . 1 | 13.7 | | | | 13.7 | . 3 | -1 | | . 4 | 9 30 | |
| 09-11 | 1 | • 2 | 13.9 | | | | 13.9 | . 3 | •1 | | .4 | 9 30 | |
| 12-14 | . 1 | 1.2 | 15.9 | | | | 15.9 | . 2 | | | •2 | 930 | |
| 15-17 | 1 | 1.1 | 16.9 | | | | 16.9 | •5 | | | .5 | 9 30 | |
| 18-20 | | 1.1 | 12.7 | | | | 12,7 | •1 | | | • 1 | 9 30 | ; |
| 21-23 | | . 3 | 14.2 | | | | 14.2 | . 1 | | | .1 | 9 30 | : |
| TOTALS | - | .6 | 14.4 | | | | 14.4 | . 3 | •0 | | . 3 | 7 a a D | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87

| | | | | | | | | MONTH: SEP | | |
|------------------|-------|-------------------------|-----------------------------------|-----------------------|-------|-------------------------|-----|----------------------|---|--------------|
| HOURS (LST) | TSTHS | RAIN &/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | F06 | SMOKE SNOW HAZE SNOW | DUST \$ 0BS E/OR W/OBST SAND TO VISION | TOTAL OBS |
| 00-02 | .4 | 10.8 | • • • • • • • • • | ••••• | ••••• | 10.8 | .2 | .9 | 1.1 | 900 |
| 03-05 | .7 | 11.8 | | | | 11.8 | • 1 | .8 | .9 | 900 |
| 06-08 | .9 | 13.0 | | | | 13.0 | . 3 | .6 | • 9 | 900 |
| 09-11 1 | • 7 | 11.6 | | | | 11.6 | . 3 | •7 | 1.0 | 900 |
| 12-14 | 1.9 | 12.3 | | | | 12.3 | .7 | 1.6 | 2.2 | 9 00 |
| 15-17 | 1.0 | 12.9 | | | | 12.9 | • 7 | 1.1 | 1.8 | 9 00 |
| 18-20 | 1.2 | 9 . 2 | | | | 9.2 | 1.1 | • 8 | 1.9 | 900 |
| 21-23 | • 7 | 10.1 | | | | 10.1 | .4 | . 7 | 1.1 | 9 00 |
| TOTALS I | .9 | 11.5 | | | | 11.5 | .5 | • 9 | 1.4 | 7200 |

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: OCT

| HOURS (LST) | TSTHS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | # OBS WITH PREC1P | F06 | SHOKE E/OR BL | - OWING | DUST E/OR SAND | \$ 085 W/085T TO VISION | TOT AL OB S | |
|-------------|---|-------------------------|-----------------------------------|-----------------------|-------|-------------------------|-----|------------------|-----------------|----------------------|----------------------------------|-----------------|---|
| | • | •••••• | | | ••••• | | | ****** | • • • • • • • • | • • • • • | | • • • • • • • • | |
| 00-02 | .2 | 11.1 | | | | 11.1 | . 1 | | | • 1 | .2 | 9 30 | 1 |
| 03-05 | .5 | 10.1 | | | | 10.1 | • 1 | | | | -1 | 9 30 | |
| 06-08 | .3 | 10.3 | | | | 10.3 | • 2 | •1 | | •2 | .5 | 9 30 | - |
| 09-11 | • 6 | 10.0 | | | | 10.0 | . 9 | | | .2 | 1.1 | 930 | 1 |
| 12-14 | l .5 | 9,4 | | | | 9.4 | • 5 | • 3 | | | .9 | 9 30 | : |
| 15-17 | .3 | 11.6 | | | | 11.6 | . 8 | • 3 | | | 1.1 | 9 30 | į |
| 16-20 | • 3 | 9.9 | | | | 9.9 | .3 | • 2 | | | .5 | 9 30 | 1 |
| 21-23 | . 4 | 10.3 | | | | 10.3 | | | | • 3 | . 3 | 930 | |
| TOTALS | .4 | 10.3 | | | | 10.3 | .4 | • 1 | | -1 | .6 | 7440 | |

C

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| STATION NUMBER: | 912180 ST | ATION | N NAME: | ANDERSEN | AFB GUAN | | | | PERIOD MONTH: | OF RECORD | : 78-87 | | |
|-----------------|-----------|-------|-------------------------|-----------------------------------|-----------------------|-------------|-------------------------|-------------------|-----------------------|-----------------|----------------------|---------------------------------|----------------|
| HOURS (LST) | T S | TMS E | RAIN &/OR ORIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | # OBS WITH Precip | F06 | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR Sand | % OBS W/CBST TO VISION | TOT AL OB S |
| 00-02 | 1 | . 3 | 8.3 | ******** | | • • • • • • | 8.3 | • • • • • • • • • | ••••• | ••••• | • • • • • • | ••••• | 900 |
| 03-05 | 1 | . 3 | 8.2 | | | | 8 . 2 | . 3 | | | | . 3 | 9 00 |
| 06-08 | 1 | . 3 | 9.2 | | | | 9.2 | .7 | | | | .7 | 9 00 |
| 09-11 | 1 | | 6.9 | | | | 6.9 | .1 | | | | .1 | 9 00 |
| 12-14 | 1 | | 8.3 | | | | 8.3 | . 3 | | | | . 3 | 900 |
| 15-17 | 1 | • 1 | 7.8 | | | | 7.8 | .6 | | | | .6 | 900 |
| 18-20 | 1 | • 1 | 8.0 | | | | 8.0 | .7 | | | | .7 | 9 00 |
| 21-23 | 1 | .6 | 7.9 | | | | 7.9 | . 2 | | | | •2 | 900 |
| TOTALS | f | . 2 | 1.8 | | | | 8.1 | .4 | | | | . 4 | 7200 |

| STATION NUMBER: | 912180 | STATIO | N NAME: | ANDERSE | N AFB GUA | AM | | | PERIOD MONTH: | OF RECORU |): 78-81 | | | |
|-----------------|--------|--------|-------------------------|-----------------------------------|-----------------------|---------------|-------------------------|-----|-----------------------|-----------------|----------------------|---------------------------------|--------------|-----|
| HOURS (LST) | 1 | TSTHS | RAIN &/OR Drizzle | FRZING RAIN E/OR DRIZZLE | SNOW &/OR SLEET | HAIL | % OBS WITH PRECIP | F0G | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | # OBS W/OBST TO VISION | TOTAL OBS | ••• |
| 00-02 | i | ٠2 | 7 - 3 | | •••••• | • • • • • • • | 7.3 | , 4 | .1 | ******* | • • • • • • | .5 | 9 30 | ••• |
| 03-05 | ı | . 2 | 7.5 | | | | 7.5 | . 5 | -1 | | | .6 | 930 | |
| 06-08 | 1 | | 8.3 | | | | 8.3 | . 8 | .1 | | | .9 | 9 30 | |
| 09-11 | ı | • 1 | 6.6 | | | | 6.6 | . 4 | .3 | | | .8 | 9 30 | |
| 12-14 | ı | | 5.3 | | | | 5.3 | 1.0 | .1 | | | 1.1 | 930 | |
| 15-17 | 1 | | 8.1 | | | | 8 • 1 | •5 | •5 | | | 1.1 | 9 30 | |
| 18-20 | 1 | , | 5.9 | | | | 5.9 | •1 | •2 | | | . 3 | 9 30 | |
| 21-23 | 1 | | 7.0 | | | | 7.0 | .4 | | | | .4 | 9 30 | |
| TOTALS | 1 | • 1 | 7.0 | | | | 7.0 | .5 | • 2 | | | .7 | 7440 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: ALL

| ••••• | HOURS (LST) | TSTMS | RAIN &/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | F06 | SMOKE E/OR HAZE | SNOM Broming | DUST E/OR SAND | R OBS W/OBST TO VISION | TOTAL OBS |
|-------|----------------|--------|-------------------------|-----------------------------------|-----------------------|---------------|-------------------------|-----|-----------------------|-------------------|----------------------|---------------------------------|--------------------|
| MAL | ALL | i I | 4.7 | | ••••• | • • • • • • • | 4.7 | .6 | .1 | • • • • • • • • • | • • • • • • • | .7 | 74 30 |
| FEB | | 1 .0 | 7.0 | | | | 7.0 | 1.5 | •1 | | | 1.6 | 6768 |
| MAR | | l | 4.3 | | | | 4.3 | . 5 | •0 | | | .5 | 7440 |
| APR | | 1 .1 | 3.5 | | | | 3.5 | . 3 | 1.5 | | | 1,8 | 7200 |
| MAY | | 1 -1 | 5.7 | | | | 5.7 | . 8 | •2 | | .0 | 1.0 | 7440 |
| JUN | | l •1 | 6.4 | | | | 6.4 | • 3 | | | | .3 | 7200 |
| JUL | | 1 .7 | 10.2 | | | | 10.2 | . 4 | •0 | | .0 | . 4 | 7440 |
| AUG | | 1 •6 | 14.4 | | | | 14.4 | . 3 | •0 | | | • 3 | 7440 |
| SEP | | ۱ .9 | 11.5 | | | | 11.5 | . 5 | . 9 | | | 1.4 | 7200 |
| ост | | .4 | 10.3 | | | | 10.3 | . 4 | •1 | | .1 | .6 | 7440 |
| NOV | | 1 .2 | 8 • 1 | | | | 8.1 | . • | | | | .4 | 7200 |
| DEC | | • 1 | 7.0 | | | | 7.0 | . 5 | •2 | | | . 7 | 7440 |
| | TO TAL S | i .3 | 7.8 | | | | 7.8 | . 5 | . 3 | | •0 | .8 | 87 ₆ 38 |

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 49-87 MONTH: ALL

| MONTH | tsth: | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SMOW E/OR SLEET | HAIL | % OBS WITH PRECIP | F06 | SMOKE &/OR HAZE | BLOWING Snow | DUST &/OR SAND | * OBS W/OBST TO VISION | TOTAL OBS |
|--------|-----------------|-------------------------|-----------------------------------|-----------------------|-------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| MAL | 1 | 81.0 | • • • • • • • • • | •••••• | ••••• | 81.0 | 14.9 | . 9 | ••••• | | 15.3 | 1208 |
| FEB | 1 | 78.8 | | | | 78.8 | 12.8 | . 5 | | | 13.2 | 1101 |
| MAR | 1 | 78.5 | | | | 78.5 | 12.6 | • 5 | | | 12.7 | 1209 |
| APR | 1 1.0 | 83.8 | | | | 80.8 | 9.6 | .7 | | | 10.3 | 1169 |
| HAY | 1 2.1 | 78.7 | | | | 78.7 | 9.3 | .6 | | | 9.7 | 1209 |
| JUN | 1 4.2 | 85.5 | | | | 85.5 | 8.2 | .7 | | | 8.8 | 1169 |
| JUL | 1 12.5 | 87.6 | | | | 87.6 | 10.6 | .4 | | | 10.9 | 1202 |
| AUG | 1 13.7 | 88.3 | | | | 88.3 | 11.9 | 1.6 | | | 13.1 | 1209 |
| SEP | 17.7 | 87.9 | | | | 87.9 | 11.0 | 1.5 | | | 12.2 | 1168 |
| OCT | 1 11.4 | 89.1 | | | | 89.1 | 9.5 | .6 | | | 9.9 | 1209 |
| NOA | 1 5.5 | 89.0 | | | | 89.0 | 9.5 | . 3 | | | 9.6 | 1163 |
| DEC | 1 1.3 | 85.4 | | | | 85.4 | 11.9 | 1.2 | | | 12.9 | 1209 |
| TOTALS | 1 6.0 | 84.2 | | | | 84.2 | 11.0 | . 8 | | | 11.5 | 14225 |

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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA ARE SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

0

A VALUE OF ".O" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES. ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:

".CO" EQUALS NONE FOR THE HONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL:

". O" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH:

"O" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SMOWFALL SUMMARIES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND HONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "+" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE HEASUREMENTS FROM INCOMPLETE MONTHS.

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION FROM SUMMARY OF DAY DATA

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| •••••• | • • • • • • • | • • • • • • | ••••• | • • • • • | • • • • • | ••••• | •••• | , | HOUNTS | IN IN | CHES | • • • • • • | •••••• | • • • • • • • • | ••••• | | ••••• | ••••• |
|---------|---------------|-------------|-------|-----------|-----------|-------|-------------|------|--------------------|-------|-----------------------------|----------------------|---------------|---|-------|-------|---------|-------|
| M ON TH | NONE | TRACE (| .01 | I TO | TO | | i TO | TO | 1.01 10 2.50 | TO | 5.01 TO 10.00 | 10.01 10 20.00 | OVER 20.00 | % DAYS WITH MEAS AMTS | OBS I | | GREATES | |
| MAL | 18-0 | 21.1 | 7.0 | 14.5 | 10.8 | 12.3 | 8.7 | 4.1 | 2.9 | •6 | .1 | | | 60.8 | 1208 | 5.00 | 17.28 | 1.08 |
| FEB | 19.6 | 22.9 | 7.1 | 15.3 | 8.7 | 11.7 | 7.3 | 3.8 | 2.7 | .7 | .1 | .1 | | 57.5 | 1101 | 4.68 | 17.45 | •66 |
| MAR | 20+3 | 23.7 | 7.3 | 13.1 | 9.5 | 13.0 | 7.9 | 3.6 | 1.3 | • 3 | | | | 56.0 | 1209 | 3.71 | 14.66 | • 30 |
| APR | 17.9 | 25.5 | 7.0 | 17.4 | 9.7 | 11.4 | 5.9 | 2.6 | 2.0 | . 3 | .3 | | | 56.7 | 1170 | 3.96 | 24.00 | .37 |
| на у | 20.2 | 21.2 | 6.6 | 15.5 | 9.3 | 11.8 | 7.7 | 4.1 | 2.6 | .6 | .3 | | •1 | 58.6 | 1240 | 5.83 | 35.18 | .76 |
| JUN | 14.2 | 14.5 | 5.5 | 17.2 | 10.3 | 17.2 | 9.9 | 7.1 | 2.5 | .5 | <u> </u> | | | 71.2 | 1200 | 5.58 | 17.88 | .49 |
| JUL | 11.2 | 14.4 | 4.0 | 11.5 | 7.6 | 17.0 | §4.3 | 12.1 | 6.9 | 1.0 | .1 | | | 74.4 | 1239 | 9.83 | 15.85 | 3.00 |
| AUG | 10.3 | 12.1 | 4.5 | 11.0 | 8.4 | 15.6 | 13.9 | 11.7 | 9.6 | 2.7 | .2 | | | 77.6 | 1240 | 13.00 | 26.28 | 4.41 |
| SEP | 11.8 | 11.2 | 2.8 | 30.4 | 7.8 | 17.0 | 13.5 | 11.7 | 10.8 | 2.8 | .3 | · | | 77.0 | 1198 | 13,26 | 26.06 | 3.95 |
| oc t | 9.9 | 12.2 | 3.5 | 12.3 | 7.7 | 16.9 | 14.4 | 11.9 | 9.2 | 1.5 | .5 | •2 | | 77.9 | 1240 | 13.09 | 37.09 | 4.05 |
| NO V | 10.1 | 13.8 | 4.1 | 14.6 | 11.0 | 17.4 | 13.9 | 8.3 | 5.6 | 1.2 | | | | 76.1 | 1190 | 8.76 | 19.20 | 2.44 |
| DE C | 13.9 | 17.2 | 6.1 | 15.3 | 11.0 | 17.3 | 9.4 | 6.0 | 2.9 | . 8 | | j | | 69.0 | 1240 | 5.96 | 16.90 | 1.15 |
| ANN | 14.8 | 17.5 | 5.5 | 14-0 | 9.3 | 14.9 | 6.6 | 7.2 | 4.9 | 1.1 | 1 .2 | | .0 | 67.7 | 14475 | 92.66 | ••••• | ••••• |

EXTREME VALUES OF PRECIPITATION (FROM DATLY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| t | | | | | 2. | | MOUNTS IN -n-t-h-s- | | | | | | ALL |
|--------|-----------------|--------|-----------------|-------|-------|------|------------------------|------|--------|-------|-------|-------|-------|
| YEAR I | JAN | FEB | MAR | APR | MAY | HUL | JUL | AUG | SEP | OCT | NOA | DEC | MONTH |
| 48 1 | • • • • • • • • | ••••• | • • • • • • • • | ••••• | 1.36 | 1.36 | 1.21 | 2,37 | 2.61 | 2.23 | 4.90 | 1.62 | ••••• |
| 49 | 1.19 | 1.50 | .44 | • 27 | •20 | .99 | *2.03 | 2.76 | *1.91 | 1.58 | *1.24 | .42 | 2.7 |
| 50 j | *.40 | • 30 | .93 | . 33 | 3.74 | 1.89 | 1.02 | 2.00 | 4.01 | 3.35 | 2.15 | 2.60 | 4.0 |
| 51 | 1.28 | 2.62 | .88 | 1.65 | .26 | .32 | 1.65 | 2.51 | 1.17 | 2.56 | 2.07 | 2.74 | 2.7 |
| 52 | . 30 | . 39 | .88 | . 29 | 1.84 | .42 | 1.30 | 2.32 | 4.18 | 1.85 | 2.92 | 1.83 | 4 - 1 |
| 53 | . 48 | 7 - 88 | .80 | . 69 | 1.03 | .74 | 1.77 | 7.07 | 1.48 | 18.30 | 2.18 | 2.11 | 18.3 |
| 54 / | 2.00 | . 99 | .44 | 1.54 | .66 | 1.44 | .63 | 1.60 | 4.88 | 1.49 | 1.58 | .84 | 4.8 |
| 55 I | .97 | 63 | •56 | . 74 | .31 | 2.55 | 2.28 | 1.74 | 2.44 | 1.60 | . 4 4 | 2.25 | 2.5 |
| 56 I | .89 | 1.91 | .40 | • 35 | .70 | .64 | 1.37 | 1.29 | 1.74 | .81 | .96 | 1.20 | 1.9 |
| 57 | 1.08 | • 52 | .45 | . 35 | 1.00 | .68 | .73 | 3.92 | 1.08 | 5.05 | *2.57 | .45 | 5.0 |
| 58 (| 3.04 | • 24 | .18 | . 28 | .55 | 2.01 | 3.32 | 1.01 | 2.63 | 2.61 | .54 | 1.66 | 3 - 3 |
| 59 | . 68 | .29 | •50 | • 56 | .40 | .60 | 1.32 | 1.42 | 3.45 | 2.33 | 1.77 | 3.17 | 3.4 |
| 60 | . 58 | .28 | .59 | • 06 | 1.52 | .93 | 1.59 | 3.75 | 1.65 | 2.10 | 2.42 | 2.65 | 3.1 |
| 61 İ | . 69 | 1.30 | .83 | 1.13 | 1.11 | .78 | .75 | 1.82 | 2.72 | 2.27 | .71 | .87 | 2.7 |
| 62 | 1.11 | 4.96 | .89 | 1.70 | 1.87 | 1,34 | 3.60 | 1.70 | 3.11 | 4.25 | *1.81 | 2.81 | 4.9 |
| 63 1 | 2.52 | 2.96 | .83 | 8.96 | 5.50 | 1.15 | 2.42 | 4.92 | 2.95 | 4.51 | 2.21 | 6.59 | 8.9 |
| 64 1 | .47 | . 75 | 1.66 | 2.10 | 9.37 | 1.25 | 1.45 | 2.71 | 1.28 | 3.70 | 2.15 | .57 | 9.3 |
| 65 1 | 2.74 | .23 | .11 | . 31 | .29 | 1.25 | 3.04 | 1.44 | 4.47 | 1.17 | 2.52 | -64 | 4.4 |
| 66 ! | . 59 | • 36 | .45 | . 19 | .90 | .92 | 1.15 | 3.48 | 4.21 | 2.37 | 1.35 | .70 | 4.2 |
| 67 1 | .91 | .89 | 2.79 | 1.14 | .92 | 1.84 | 2,44 | 4.39 | 6.09 | 3.43 | *.79 | . 4 4 | 6.0 |
| 68 1 | 1.27 | 2 • 22 | .72 | . 75 | .81 | .96 | 3.15 | 2.04 | 2.23 | 4.73 | 2.45 | .93 | 4.7 |
| 69 | . 56 | • 32 | . 41 | . 36 | .51 | .43 | 2.99 | 2.14 | 1.30 | 10.39 | 2.25 | 2.50 | 10.3 |
| 70 | 6.18 | 1.09 | .50 | • 30 | .34 | .71 | 1.33 | 1.72 | 2 - 05 | 1.48 | 3.01 | .94 | 6.1 |
| 71 1 | 1.31 | 2.38 | 2.80 | . 64 | 9.53 | .84 | 3.74 | 6.20 | 2.77 | 2.54 | 1.53 | .61 | 9.5 |
| 72 | . 92 | 1.90 | 3.28 | 1.07 | .88 | 2.92 | 3.18 | 2.42 | 4.10 | 1.48 | .80 | 2.29 | 4 - 1 |
| 73 (| .27 | •64 | •46 | . 63 | .80 | 1.63 | 1.49 | 3.73 | 1.68 | 5.04 | .86 | 1.24 | 5.0 |
| 74 1 | 1.68 | 1.06 | 2.07 | 5.42 | 2.77 | 2.28 | 2.22 | 4.04 | 1.37 | 2.07 | 1.11 | 1.04 | 5.4 |
| 75 1 | 1.32 | .29 | .57 | 1.20 | .68 | .76 | 1.87 | 3.83 | 2.28 | 1.95 | 3.52 | .79 | 3.8 |
| 76 | 4.33 | 2.61 | 1.22 | 1.15 | 22.60 | .87 | 2.84 | 3.93 | *2.62 | 2.32 | 1.80 | 3.99 | 22.6 |

NOTE + (BASED ON LESS THAN FULL HONTHS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| | | | | | Z | 4 HOUR A | -N-T-H-S | | | | | | ALL |
|---------|--------|-------|------|-------|-------|----------|------------|-------|-------|-------|-------|-------|--------|
| YEAR I | JAN | FEB | MAR | APR | MAY | JUN | Anr Anr | AUG | SEP | OCT | NOV | CEC | HONTHS |
| 78 I | .64 | 2.21 | .25 | 1.31 | .47 | 1.97 | 1.95 | 4.42 | 1.68 | 1.58 | 4.85 | 1.59 | 4.85 |
| 79 | 2 • G4 | -21 | 1.04 | . 24 | .71 | .59 | 1.62 | 3.92 | 1.05 | 5.34 | 1.32 | 1.17 | 5.34 |
| 80 1 | . 72 | 10.49 | .36 | 2.12 | 2.98 | 2.04 | 2.29 | 3.45 | 5.43 | 1.88 | 1.65 | 1.30 | 10.49 |
| 81 1 | 1.77 | .43 | .54 | 4.26 | 1.64 | .90 | 2.03 | 2.56 | .98 | 2.11 | 4.45 | 1.68 | 4.45 |
| 82 | 1.61 | 1.75 | .28 | . 16 | .82 | 4.99 | 3.82 | 1.72 | 5.27 | 3.44 | 1.71 | .99 | 5.2 |
| 83 J | . 31 | . 34 | 1.34 | . 32 | .31 | .14 | 1.18 | 1.60 | 2.13 | .85 | 3.30 | 1.03 | 3.30 |
| 84 1 | 1.31 | 2.07 | 1.49 | . 31 | 1.53 | 1.73 | 1.62 | 3.71 | 2.60 | 1.46 | 3.98 | 2.01 | 3.91 |
| 85 1 | 4.26 | 1.39 | 1.45 | 1.40 | 1.94 | 3.54 | 1.47 | 3.97 | 2.79 | 1.28 | 1.12 | 1.59 | 4.20 |
| 86 1 | . 29 | 3.02 | 2.63 | 5.01 | 3.10 | 2.29 | 5.82 | 3.39 | 2.42 | 8.36 | 1.22 | 3.05 | 8.30 |
| 87 i | .47 | 3.02 | .37 | . 27 | .29 | .34 | 2.34 | 1.11 | 2.94 | 3.69 | 1.37 | 1.22 | 3.69 |
| MEAN Î | 1.411 | 1.722 | .953 | 1.279 | 2.186 | 1.417 | 2.081 | 2.864 | 2.736 | 3.295 | 2.103 | 1.660 | 5.50 |
| 5.D. I | 1.268 | 2.085 | .786 | 1.779 | 3.926 | 1.027 | 1.066 | 1.397 | 1.333 | 3.108 | 1.162 | 1.199 | 3.26 |
| L OBS I | 1208 | 1101 | 1209 | 1170 | 1240 | 1200 | 1239 | 1240 | 1198 | 1240 | 119B | 1240 | 1447 |

NOTE . (BASED ON LESS THAN FULL MONTHS)

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MONTHLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| 1 | | | | | | -M-0 | -N-T-H-S | • | | | | | ALL |
|--------|-------------------|-----------------|---------------|-----------------|-------|------|----------|-------|---------------|-------|--------------|-------|--------------|
| YEAR I | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOA | DEC | MONTH |
| 48 1 | • • • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • • | 7.60 | 7.73 | 7.60 | 11.93 | 15.27 | 10.61 | 17.83 | 4.98 | |
| 49 [| 4.80 | 4.39 | 2.38 | . 97 | 1.21 | 3.10 | *8.08 | 9.95 | *10.95 | 8.77 | *2.90 | 2.15 | *59.6 |
| 5D) | *1.53 | 1.14 | 2.70 | . 83 | 8.03 | 9.38 | 9.30 | 13.21 | 15.64 | 17.51 | 8.32 | 7.17 | *94.7 |
| 51 I | 7.98 | 6.40 | 4.93 | 4.90 | 1.03 | 1.53 | 9.24 | 16.28 | 5.64 | 9.90 | 6.94 | 8.09 | 82.8 |
| 52 [| 1.51 | 1.51 | 1.89 | 1.27 | 4.20 | 2.51 | 7.05 | 8.34 | 12.11 | 12.42 | 12.98 | 5.83 | 71.6 |
| 53 J | 1.84 | 12.37 | 2.31 | 1.17 | 2.46 | 1.42 | 5.92 | 26.28 | 8.55 | 37.09 | 9.33 | 8.22 | 116.9 |
| 54 I | 4.11 | 3.12 | 2.54 | 2.87 | 2.07 | 3.43 | 3.41 | 10.42 | 23.27 | 11.53 | 7.51 | 2.67 | 76.9 |
| 55 1 | 6.60 | 3.28 | 3.12 | 3.69 | 1.63 | 4.94 | 9.99 | 6.36 | 16.49 | 8.95 | 4.26 | 4.28 | 73.5 |
| 56 1 | 2.84 | 3.86 | 1.67 | 1.14 | 3.09 | 2.56 | 9.15 | 5.48 | 13.03 | 6.10 | 7.24 | 6.39 | 62.5 |
| 57 | 3.69 | 2.17 | 1.84 | 2.50 | 1.67 | 3.12 | 3.00 | 10.47 | 6.71 | 17.71 | *6.57 | 2.10 | #61.5 |
| 58 | 5.36 | .68 | .69 | 1.12 | 2.31 | 7.70 | 11.80 | 5.59 | 14.61 | 7.34 | 3.11 | 4.72 | 65.0 |
| 59 | 2.15 | 1.26 | 1.62 | 1.77 | 1.17 | 1.55 | 6.13 | 10.02 | 20.70 | 8.54 | 6.80 | 6.94 | 68.6 |
| 60 1 | 3, 39 | . 66 | 1.59 | • 37 | 5.81 | 5.08 | 8.13 | 15.97 | 8.93 | 16.16 | 11.91 | 5.99 | 83.9 |
| 61 l | 4.79 | 3.73 | 5.03 | 3.20 | 4.37 | 4.09 | 6.45 | 14.88 | 13.58 | 17.88 | 5.96 | 4.40 | 88.3 |
| 62 1 | 1.69 | 8.78 | 1.42 | 8.44 | 5.32 | 7.98 | 12.80 | 11.53 | 13.76 | 19.63 | *6.02 | 13.28 | *110.6 |
| 63 1 | 10.88 | 11.06 | 3.35 | 24.00 | 13.97 | 6.93 | 13.10 | 10.77 | 11.56 | 20.24 | 6.70 | 16.90 | 149.4 |
| 64 I | 2.47 | 3.89 | 3.37 | 8.56 | 26.79 | 5.90 | 6.34 | 13.01 | 10.42 | 13.27 | 5.30 | 4.98 | 104.3 |
| 65 I | 9.46 | • 98 | .30 | . 84 | 1.35 | 6.59 | 15.85 | 4.41 | 18.41 | 5.36 | 8.69 | 3.62 | 75.8 |
| 66 1 | 2.23 | 1.34 | 1.59 | .78 | 2.09 | 5.68 | 8.18 | 13.48 | 20.17 | 9.95 | 6.25 | 3.69 | 75.4 |
| 67 I | 5.45 | 4 . 38 | 9.33 | 8.70 | 3.38 | 7.29 | 15.23 | 19.93 | 22.31 | 14.24 | *4.39 | 2.16 | *116.7 |
| 68 | 5.16 | 8.35 | 3.15 | 2.79 | 2.49 | 4.98 | 12.18 | 12.95 | 11.56 | 13.23 | 10.39 | 3.07 | 90.3 |
| 69 I | 2.35 | 1.39 | 1.34 | .93 | 2.01 | 2.58 | 9.69 | 8.09 | 8 • B9 | 27.75 | 6.52 | 6.78 | 77.5 |
| 70 1 | 17.28 | 4.16 | 2.27 | 1.32 | 1.29 | 4.57 | 7.25 | 8.25 | 10.63 | 9.98 | 7.74 | 4.97 | 79.7 |
| 71 | 5.47 | 5.50 | 14.66 | 3.95 | 17.56 | 5.63 | 15.39 | 15.31 | 12.95 | 8.17 | 10.28 | 2.99 | 117.8 |
| 72 | 3.79 | 6.37 | 12.59 | 3,20 | 3.36 | 8.15 | 13.99 | 15.30 | 14.09 | 4.05 | 4.26 | 6.00 | 95.1 |
| 73 1 | 1.51 | 2.66 | 2.18 | 1.67 | 3.10 | 4.84 | 9.99 | 13.84 | 10.90 | 20.88 | 2.44 | 6.95 | 80.1 |
| 74 1 | 5.64 | 2.98 | 11.78 | 14.55 | 9.89 | 6.94 | 9.29 | 22.24 | 3.95 | 12.17 | 6.88 | 4.83 | 111.1 |
| 75 I | 7.94 | .71 | 2.47 | 2.91 | 2.07 | 2.92 | 11.03 | 23.88 | 10.03 | 11.70 | 16.75 | 3.93 | 96.3 |
| 76 | 16.26 | 12.47 | 7.36 | 4.68 | 35.18 | 5.20 | 10.41 | 19.57 | +12.36 | 7.86 | 9.44 | 11.02 | +151.8 |

NOTE + (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

MONTHLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| •••••• | • • • | • • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | TOTAL M | DATHLY P | RECIPITA | TION IN | INCHES | ••••• | ••••• | • • • • • • • • • | |
|-----------|-------|-----------------|---------------|---------------|-----------------|---------|----------|----------|---------|--------|--------|-------|-------------------|--------|
| | - 1 | | | | | | ~M - O | -N-T-H-S | - | | | | | ALL |
| YEAR | • | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MONTHS |
| 78 | ï | 1.94 | 5.23 | .86 | 3,60 | 2.63 | 9.72 | 9.42 | 17.72 | 10.52 | 8.14 | 16.96 | 5.25 | 91.99 |
| 79 | ı | 5.25 | 1.19 | 4.40 | 1.35 | 2.48 | 1.76 | 10.39 | 13-61 | 7.69 | 25.17 | 7.38 | 4.78 | 85.45 |
| 80 | 1 | 1.44 | 17.45 | 2.03 | 4.28 | 11.56 | 10.51 | 11.81 | 9.59 | 25.71 | 11.30 | 8.00 | 6.55 | 120.23 |
| 81 | 1 | 6.94 | 1.96 | 2.51 | 7,79 | 4.84 | 6.35 | 12.43 | 15.29 | 6.13 | 10.00 | 19.20 | 7.55 | 100.99 |
| 82 | - 1 | 3.39 | 10.08 | 1.57 | . 64 | 4.42 | 10.06 | 14.33 | 7.57 | 26.06 | 11.91 | 8.33 | 5.36 | 103.72 |
| 83 | 1 | 1.08 | 1.40 | 3.69 | 2.02 | 1.12 | .49 | 5.50 | 9.51 | 7.31 | 7.77 | 11.07 | 5 - 8 6 | 56.82 |
| 84 | - | 4.75 | 4.93 | 4.05 | 1.06 | 3.72 | 5.58 | 8.26 | 19.03 | 12.15 | 8.76 | 11.27 | 7.56 | 91.14 |
| 85 | - 1 | 10.76 | 3.42 | 4.63 | 6,22 | 11.53 | 17.88 | 11.81 | 14.04 | 20.10 | 5.87 | 4.41 | 9.10 | 119.77 |
| 86 | ı | 1.77 | 7.81 | 4.89 | 10.87 | 10.37 | 8.06 | 12.92 | 23.39 | 8.72 | 18.63 | 5.87 | 9.72 | 123.02 |
| 87 | 1 | 2.48 | 6.28 | 2.29 | 1.17 | .76 | 1.59 | 12.06 | 7.70 | 10.56 | 12.98 | 8.21 | 6.48 | 72.56 |
| MEAN | · i · | 4.999 | 4.677 | 3.711 | 3.958 | 5.831 | 5.584 | 9.827 | 13.005 | 13.259 | 13.094 | 8.759 | 5.962 | 90.514 |
| S.D. | Ť | 3.802 | 3.890 | 3.257 | 4.597 | 7.096 | 3.331 | 3.220 | 5.458 | 5.582 | 6.619 | 4.019 | 3.061 | 20.921 |
| TOTAL OBS | i. | 1208 | 1101 | 1209 | 1170 | 1240 | 1200 | 1239 | 1240 | 1198 | 1240 | 1190 | 1240 | 14475 |
| | | | | • • • • • • • | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL FROM SUMMARY OF DAY DATA

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 48-87 & DAYS! TOTAL! MONTHLY AMOUNTS WITH I MEAS I AMTS I HON TH GREATEST LEAST JAN 1100.0 1209 . 0 ٠.0 .0 FEB 100.0 1101 • 8 •0 • 0 MAR 1100.0 1209 . 0 .0 .0 APR 100.0 1170 • 0 •0 .0 1100.0 1240 . 0 ٠٥ .0 MAY 1100.0 1200 .0 .0 .0 JU N 1100.0 1240 JUL .0 •0 .0 100.0 12401 AU G • 0 .0 .0 SEP 100.0 1199 .0 .0 .0 OC T 1240 .0 .0 .0 1200 •0 NO V 1100.0 • 0 .0 DE C 1100.0 12401 .0 .0 .0 1100.0 | ANN

EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| | | | | | 24 | | 01115 IN -2-H-T-H | INCHES | | | | | ALL |
|--------|--------|--------|-----------------|-----------------|-----|-----|----------------------|--------|-----|-------|-----|-----|--------|
| YEAR I | JAN | FEB | MAR | APR | HAY | JUN | JÜL | AUG | SEP | OCT | NOV | DEC | HONTHS |
| 48 | •••••• | •••••• | • • • • • • • • | • • • • • • • • | .0 | .0 | .0 | .0 | .0 | ••••• | .0 | •0 | |
| 49 | •0 | •0 | .0 | •0 | . 0 | .0 | •0 | •0 | .0 | .0 | •0 | •0 | •0 |
| 50 I | •0 | •0 | .0 | •0 | • 0 | •0 | • 0 | •0 | .0 | • 0 | • 0 | • 0 | •0 |
| 51 1 | •0 | •0 | •0 | •0 | • B | • 0 | • 0 | . 0 | •0 | •0 | . 0 | • 0 | •0 |
| 52 (| •0 | •0 | •0 | •0 | •0 | • 0 | • 0 | .0 | •0 | .0 | • 0 | .0 | •0 |
| 53 I | •0 | •0 | •0 | •0 | •0 | •0 | •0 | .0 | •0 | •0 | • Q | • 0 | • 0 |
| 54 | •0 | •0 | •0 | •0 | . 0 | • 0 | • 0 | .0 | •0 | • 0 | ٠0 | .0 | .0 |
| 55 i | •0 | •0 | •0 | • 0 | •0 | .0 | • 0 | .0 | .0 | •0 | • 0 | • 0 | •0 |
| 56 l | •0 | •0 | .0 | •0 | •0 | •0 | .0 | .0 | •0 | •0 | • 0 | • 0 | .0 |
| 57 | •0 | •0 | •0 | •0 | • 0 | •0 | •0 | • 0 | •0 | .0 | • 0 | •0 | •0 |
| 58 I | •0 | .0 | •0 | •0 | • 0 | • 0 | • 0 | • 0 | • D | .0 | • 0 | • 0 | • 0 |
| 59 İ | •0 | .0 | •0 | •0 | .0 | • 0 | • 0 | .0 | .0 | • 0 | ٠.۵ | • 0 | • 0 |
| 60 l | .0 | .0 | •0 | •0 | • 0 | • 0 | • 0 | • 0 | •0 | • 0 | • 0 | • 0 | •0 |
| 61 / | •0 | •0 | .0 | •0 | • 0 | • 0 | .0 | .0 | •0 | • 0 | • D | • 0 | •0 |
| 62 1 | •0 | •0 | •0 | •0 | •0 | • 0 | •0 | •0 | •0 | •0 | .0 | • 0 | .0 |
| 63 1 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | .0 | •0 | .0 | • 0 | • 0 | .0 |
| 64 1 | •0 | •0 | .0 | •0 | •0 | .0 | •0 | •0 | .0 | •0 | • 0 | •0 | .0 |
| 65 1 | .0 | •0 | •0 | •0 | • 0 | .0 | •0 | • 0 | •0 | •0 | ٠0 | • 0 | ٠٥. |
| 66 ! | .0 | •6 | .0 | .0 | • 0 | •0 | • 0 | • 0 | •0 | .0 | • 0 | • 0 | • 0 |
| 67 | •0 | •0 | •0 | •0 | .0 | • 0 | • 0 | .0 | •0 | .0 | • 0 | • 0 | •0 |
| 68 1 | •0 | •0 | •0 | •0 | • 0 | .0 | • 0 | • 0 | •0 | •0 | • 0 | • 0 | •0 |
| 69 1 | .0 | .0 | .0 | •0 | •0 | .0 | • 0 | .0 | •0 | •0 | • 0 | • 0 | •0 |
| 70 j | •0 | •0 | .0 | .0 | • 0 | •0 | • 0 | •0 | •0 | •0 | • 0 | • 0 | .0 |
| 71 Ì | •0 | •0 | •0 | •0 | •0 | .0 | •0 | • 0 | •0 | .0 | • 0 | • 0 | •0 |
| 72 1 | •0 | •0 | .0 | •0 | •0 | • 0 | •0 | .0 | •0 | •0 | • 0 | • 0 | .0 |
| 73 İ | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | • 0 | •0 | • C |
| 74 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | • 0 | •0 | •0 |
| 75 1 | • 0 | ·ā | •0 | •0 | • 0 | . 0 | •0 | .0 | .0 | •0 | • 0 | • 0 | • 0 |
| 76 | •0 | •0 | • 0 | •0 | •0 | •0 | •0 | •0 | *.0 | .0 | • 0 | • 0 | • 0 |
| 77 i | .0 | .0 | .0 | •0 | .0 | .0 | •0 | .0 | •0 | -0 | ·õ | •0 | .0 |

NOTE + (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| | 1 | | | | | | -M-0- | N-T-H-S- | | | | | | ALL |
|--------|---|------|------|------|------|------|-------|----------|------|------|------|------|------|--------|
| YEAR | 1 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | HONTH |
| 78 | ï | .0 | .0 | .0 | .0 | .0 | .0 | .0 | •0 | .0 | .0 | .0 | .0 | ٠٠٠٠٠١ |
| 79 | 1 | •0 | •0 | • 0 | •0 | •0 | • 0 | • 0 | .0 | .0 | .0 | .0 | • 0 | |
| 80 | 1 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | .0 | •0 | .0 | • 0 | • 0 | • |
| 81 | 1 | •0 | • D | •0 | .0 | .0 | .0 | •0 | .0 | •0 | • D | • 0 | • 0 | |
| 82 | 1 | •0 | .0 | • 0 | •0 | •0 | •0 | .0 | - 0 | •0 | .0 | • 0 | • 0 | |
| 83 | 1 | •0 | •0 | • D | •0 | . 0 | •0 | • D | • 0 | •0 | •0 | • 0 | • 0 | |
| 84 | Í | •0 | •D | •0 | •0 | • 0 | .0 | • 0 | • 8 | • 0 | .0 | .0 | • 0 | |
| 85 | 1 | •0 | •0 | •0 | •0 | • 0 | •0 | • 0 | .0 | •0 | •0 | • 0 | • 0 | • |
| 86 | 1 | • D | ۵. | .0 | •0 | .0 | .0 | •0 | •0 | •0 | .0 | •0 | • 0 | • |
| 87 | 1 | •0 | •0 | •0 | •0 | •0 | .0 | •0 | .0 | •0 | •0 | • 0 | • 0 | • |
| MEAN | ï | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | -00 | .00 | .00 | .0. |
| 5.0. | 1 | .000 | .000 | .000 | .000 | .000 | • 000 | .000 | •000 | .000 | .000 | .000 | .000 | .00 |
| AL OBS | 1 | 1209 | 1101 | 1209 | 1170 | 1240 | 1200 | 1240 | 1240 | 1199 | 1240 | 1200 | 1240 | 1448 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

MONTHLY SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| ******* | • • • • | • • • • • • • • • • | •••••• | • • • • • • • • | • • • • • • • • | TOTAL | HONTHLY | | IN INC | HES | • • • • • • • | •••••• | • • • • • • • | |
|---------|------------|---------------------|--------|-----------------|-----------------|---------------|---------------|-----------------|--------|---------------|---------------|--------|---------------|---------------|
| YEAR | , <u>1</u> | JAN | FEB | MAR | APR | MAY | -M-0-1 | -2-H-T-I JUL | AUG | SEP | OCT | NOV | DEC | ALL Months |
| ******* | | | •••• | • • • • • • • • | | • • • • • • • | • • • • • • • | | | • • • • • • • | | | ••••• | |
| 48 | ΞĨ | | | | | •0 | .0 | •0 | . 0 | •0 | .0 | •0 | • 0 | |
| 49 | - İ | •0 | •0 | •0 | •0 | •0 | •0 | •0 | .0 | •0 | •0 | •0 | •0 | •0 |
| 50 | - 1 | •0 | •0 | .0 | •0 | •0 | .0 | •0 | •0 | •0 | •0 | • 0 | •0 | • 6 |
| 51 | - 1 | •0 | .0 | •0 | •0 | .0 | .0 | •0 | •0 | •0 | •0 | • D | •0 | •0 |
| 52 | 1 | •0 | .0 | •0 | •0 | • 0 | •0 | •0 | • 0 | •0 | •0 | •0 | • 0 | •0 |
| 53 | - 1 | •0 | •0 | •0 | •0 | •0 | • 0 | • 0 | • 0 | •0 | • 0 | • 0 | . 0 | .0 |
| 54 | - 1 | •0 | .0 | •0 | •0 | •0 | • 0 | •0 | •0 | • 6 | •0 | • 0 | • 0 | •0 |
| 55 | - 1 | .0 | .0 | •0 | •0 | .0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 |
| 56 | - 1 | .0 | •0 | .0 | •0 | .0 | •0 | • 0 | •0 | •0 | •0 | • 0 | .0 | • D |
| 57 | - 1 | •0 | •0 | .0 | •0 | .0 | •0 | •0 | •0 | •0 | •0 | •0 | • 0 | •0 |
| 58 | - 1 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | • 0 | • 0 | .0 |
| 59 | - 1 | •0 | •0 | •0 | •0 | • 0 | .0 | • 0 | •0 | •0 | • D | • 0 | •0 | •0 |
| 60 | - 1 | •0 | ۰. | •0 | •0 | • 0 | •0 | •0 | •0 | •0 | •0 | •0 | .0 | •0 |
| 61 | - 1 | •0 | .0 | • 0 | •0 | •0 | •0 | • 0 | • 0 | •0 | •0 | • 0 | •0 | •0 |
| 62 | - 1 | •0 | •0 | • 8 | .0 | • 0 | .0 | • 0 | .0 | •0 | •0 | •0 | .0 | .0 |
| 63 | - 1 | •0 | •0 | •0 | •0 | • 0 | • 0 | •0 | .0 | •0 | •0 | •0 | •0 | •0 |
| 64 | t | •0 | •0 | •0 | •0 | • 0 | •0 | •0 | •0 | •0 | •0 | •0 | .0 | •0 |
| 65 | - 1 | •8 | •0 | • 0 | •0 | •0 | .0 | • 5 | .0 | •D | •0 | •0 | •0 | •0 |
| 66 | - 1 | .0 | .0 | •0 | •0 | •0 | •0 | • 0 | •0 | •0 | •0 | • 0 | •0 | •0 |
| 67 | - 1 | •0 | •0 | •0 | •0 | .0 | •0 | • 0 | •0 | •0 | •0 | •0 | .0 | •0 |
| 68 | - 1 | •0 | .0 | •0 | •0 | • B | • D | •0 | •0 | •0 | •0 | •0 | •0 | •0 |
| 69 | - 1 | •0 | .0 | •0 | •0 | •0 | • D | • 0 | .0 | •0 | •0 | •0 | •0 | •0 |
| 70 | - 1 | •0 | •0 | •0 | •0 | •0 | •0 | • 0 | • 0 | •0 | •0 | •0 | • 0 | •0 |
| 71 | - 1 | •0 | .0 | •0 | •0 | • 0 | .0 | • 0 | •0 | • D | •0 | • 0 | • 0 | •0 |
| 72 | - 1 | •0 | •0 | •0 | •0 | .0 | •0 | •0 | •0 | •0 | •0 | •0 | .0 | •0 |
| 73 | - 1 | •0 | •0 | •0 | •0 | • 0 | •0 | •0 | •0 | •0 | .0 | •0 | •0 | •0 |
| 74 | - } | •0 | •0 | -0 | .0 | • 0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 |
| 75 | - 1 | •0 | •0 | • D | •0 | ۰۵ | •0 | •0 | •0 | •0 | •0 | •0 | •0 | •0 |
| 76 | | •0 | •0 | •0 | •0 | • 0 | •0 | •0 | •0 | *•O | •0 | •0 | •0 | *.D |
| 77 | - 1 | •0 | •0 | •0 | •0 | •0 | •0 | •0 | • 0 | •0 | •0 | .0 | • 0 | •0 |

NOTE + (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

MONTHLY SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| | 1 | | | | | TOTAL | MONTHLY -M-0- | S N D W F A L - N - T - H - S - | | HES | | | | ALL |
|-------|-----|------|-------|------|------|-------|------------------|------------------------------------|------|------------------|------|------|-------|--------|
| YEAR | 1 | MAL | FEB | MAR | APR | HAY | JUN | JUL | ANG | SEP | OCT | NGV | 939 | HONTHS |
| 78 | i | .0 | .0 | .0 | •0 | .0 | •0 | .0 | .0 | .0 | .0 | .0 | .0 | ٠٥. |
| 79 | ı | .0 | •0 | ۰. | •0 | •0 | •0 | .0 | •0 | •0 | •0 | ٠.0 | ٠.0 | • 0 |
| 80 | 1 | •0 | •0 | .0 | •0 | .0 | .0 | • 0 | •0 | •0 | .0 | a. | .0 | •0 |
| 81 | 1 | .0 | .0 | α. | •0 | .0 | • C | .0 | •0 | ρ_{\bullet} | •0 | .0 | .0 | •0 |
| 82 | ı | •0 | .0 | • 0 | •0 | • 0 | • 0 | •0 | •0 | •0 | .0 | •0 | .0 | •0 |
| 83 | 1 | .0 | •0 | •0 | •6 | . D | • D | • 0 | • D | •0 | .0 | .0 | ٥. | •0 |
| 84 | } | .0 | •0 | •0 | •0 | .0 | a_{ullet} | .0 | • 0 | • 0 | .0 | .0 | .0 | .0 |
| 85 | i | ٠. | •0 | ٥. | •0 | .0 | •0 | .0 | • 0 | •0 | .0 | . a | • 0 | .0 |
| 86 | 1 | •0 | •0 | •0 | •0 | -0 | -0 | • 0 | • 0 | •0 | .0 | .0 | .0 | .0 |
| 87 | 1 | ۰.0 | •0 | •0 | •0 | .0 | •0 | ۰۵ | •0 | *0 | .0 | .0 | •0 | •0 |
| MEAN | ï | .00 | .00 | .00 | - 00 | -06 | -00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| S.D. | 1 | .000 | • 000 | .000 | .000 | .000 | .000 | , 00Q | .000 | .000 | .000 | .000 | • 000 | 000. |
| L OBS | i . | 1209 | 1101 | 1209 | 1170 | 1240 | 1500 | 1240 | 1240 | 1199 | 1240 | 1200 | 1240 | 14488 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH FROM SUMMARY OF DAY DATA

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 48-87 AMOUNTS IN INCHES | 25 | 37 | 49 | TO | TO | TO | 36 | 48 | 60 | 7 | TO | 12 | 13 TO 24 61 | OVER TO | 120 | 120 MONTHLY AMOUNTS 4 T 0 6 & DAYS! TOTAL! WITH I MEAS I ANTS I H ON TH NONE TRACE OBS ! MEAN GREATEST LEAST JA N 1100.0 1209 FEB 1100.0 1101 1100.0 MAR 1209 APR 1100.0 1170 MA Y 100.0 1240 JUN 100.0 1200 1100.0 JUL 1240 1100.0 AUG 1240 SEP 1100.0 1199 OC T 100.0 1240 NO V 100.0 1200 1100.0 1240 ANN

1 144881

1100.0 I

EXTREME VALUES OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| 1 | DAILY SNOW DEPTH IN INCHES -M-O-N-T-H-S- | | | | | | | | | | | | | | |
|--------|--|-------|-------|-------|-----|-----|-----|-----|------------|-----|-----|-----|---------------|--|--|
| YEAR I | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS | | |
| 48 | ••••• | ••••• | ••••• | ••••• | 0 | 0 | 0 | Ö | G | 0 | ٥ | 0 | | | |
| 49 | 0 | 0 | 0 | 0 | O | 0 | 0 | 0 | 8 | 8 | Ð | ٥ | D | | |
| 50 I | 0 | C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 51 1 | 0 | 0 | 0 | Ð | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 52 I | 0 | C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | O | σ | 0 | 0 | | |
| 53 I | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | | |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ð | 0 | 0 | 0 | 0 | 0 | | |
| 56 Î | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Ð | a | 0 | 0 | 0 | 0 | | |
| 57 | Ð | D | D | ۵ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 58 | 0 | 0 | 0 | C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 59 j | 0 | 0 | D | D | a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 60 1 | 0 | O | 0 | 0 | 0 | Ð | Ð | Ð | 0 | 0 | 0 | 0 | 0 | | |
| 61 | 0 | O. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 62 | 8 | 0 | 0 | 0 | 0 | O C | 0 | Đ | 0 | 0 | 0 | 0 | a | | |
| 63 | 0 | 0 | a | G | G | 0 | 0 | O | C | 0 | 0 | D | D | | |
| 64 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 65 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 66 l | 0 | 0 | 0 | 0 | D | 0 | 0 | 0 | O | σ | Œ | 0 | O | | |
| 67 | 0 | 0 | 0 | 0 | ð | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 6B | 0 | 0 | 0 | 0 | 0 | 0 | C | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 69 | ٥ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 70 I | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C | | |
| 71 J | D | 0 | 0 | 0 | 0 | 0 | 0 | a | 0 | 0 | 0 | Ö | 8 | | |
| 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C | | |
| 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Ö | 0 | ٥ | | |
| 74 | 0 | 0 | ٥ | 0 | D | ٥ | ٥ | D | 0 | 0 | Ð | 0 | 0 | | |
| 75 I | 0 | 0 | 0 | C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * 0 | 0 | 0 | 0 | C | | |
| 77 (| σ | O | 0 | 0 | C | 0 | Ð | 0 | 0 | 0 | 0 | 0 | 0 | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF SHOW DEPTH (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 48-87

| 1 | DAILY SNOW DEPTH IN INCHES -M-O-N-T-H-S- A | | | | | | | | | | | | | | |
|---------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--|--|
| YEAR I | MAL | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | oct | NOV | DEC | HONTHS | | |
| 78 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | D | 0 | 0 | 0 | | |
| 79 [| a | G | a | 0 | 0 | 0 | D | D | 0 | 0 | ٥ | 0 | ۵ | | |
| 1 08 | 0 | O | Đ | Q | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ٥ | | |
| 81 | Ð | ū | ۵ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 82 J | ۵ | o o | Q | a | 0 | 0 | 0 | 0 | 0 | Ö | ٥ | O | Q | | |
| 83 1 | 0 | 0 | a | 0 | 0 | D | 0 | 0 | σ | O | 0 | 0 | 0 | | |
| 84 1 | 0 | C C | 0 | 0 | 0 | O | ß | 0 | O | ٥ | ۵ | 0 | 0 | | |
| 85 i | ٥ | а | Û | 0 | 8 | 0 | Ð | 0 | 0 | 0 | ٥ | o | O | | |
| 86 f | 0 | a | 8 | Ð | Ð | 0 | 0 | D | e | 0 | 0 | 0 | 0 | | |
| 87 I | 0 | ٥ | 0 | 0 | 0 | 0 | 0 | 0 | D | 0 | 0 | 0 | 0 | | |
| HEAN 1 | | .0 | .0 | •0 | .0 | .0 | •••• | .0 | •0 | -0 | .0 | •0 | -0 | | |
| S.D. TOTAL OBS | 1209 | .000 1101 | .000 1209 | .000 1170 | .000 1240 | .000 1200 | •000 1240 | .000 1240 | .000 1199 | .000 1240 | .000 1200 | • 000 1240 | .000 14488 | | |
| | | | | | | | | | | | | | | | |

NOTE + (BASED ON LESS THAN FULL MONTHS)

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SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS:

DATA BERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "+" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS:

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".O" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

EXTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 59-87

| | | | •••• | •••• | •••• | •••• | • • • • • • | • • • • • | | AILY P | | | | NO T S | | •••• | •••• | ••• | ••••• | | | | |
|----------|------|------------|------|-------|------|-------|-------------|-----------|-------|----------|---------|-------|-----|--------|-----|--------|------|------|--------|-------|--------------|------|-------|
| YEAR | : | 1AM I | | FF0 1 | | WAD 1 | API | | MAV 1 | H- UL | | 1-H-9 | | | | | | | NOV | | DECI | HON1 | LL |
| | | J NA 1 | ' | | | | AF. | | | | " ! | 301 | | | | 3671 | | | | | OLC I | | . n., |
| 59 | i | | •••• | •••• | | ï | • • • • • • | 1 | •••• | | | | | •••• | SSF | • 39 i | FNE | 100 | ENE 35 | l F | 341 | | |
| 60 | iε | 31 i | Ε | 29 | NNE | 25 İ | | | E 36 | | | | | | | | | | ESE 38 | | | WNW | 38 |
| 61 | EN | 331 | ENE | | | | | | | SSW 2 | | | | | | | | | | E | | S | 49 |
| 62 | ! EN | 25 | NE | 30 | Ε | 261 | SSE 3 |) EN | E #28 | E #2 | 5 E | *39 | E | 34 | MSM | 371 | WSW | 401 | NNES15 | lΕ | *26 1 | NNE: | 15 |
| 63 | I N | *25 | Ε | 331 | ε | 291 | SE 8 |) E | 32 | ENE+3 | 11 E | 461 | ESE | 231 | S | 35 | WSW | 351 | E #26 | l u | 611 | SE | 80 |
| 64 | I EN | 311 | ENE | 33 | NE | 34 | E 4 |) SS | M 40! | ESE 3 | 91 S | E 34 | ESE | 431 | ESE | 461 | SE | 431 | SE 29 | I ENE | 381 | ESE | 46 |
| 65 | 1 E | 431 | Ε | 30 l | E | 29 | E 36 |) 1 E | 27 | ESE 3 | 1 5 | SE 40 | SE | 321 | SW | 411 | ¥ | 311 | E 36 | (E | 341 | Ε | 4 3 |
| 66 | 1 NE | 32 j | Ε | | | | | | | ESE 3 | | | | | | | | | | I NE | | Ε | 45 |
| 67 | | 39 (| | | | | | | | | | | | | | | | | NW 60 | | | NW | |
| 68 | | 351 | | | | | | | | | | | | | | | | | 8/ 77 | | | 8/ | |
| 69 | | / 55 ľ | | 40 [| | | | | | | | | | | | | | | 14/ 42 | | 401 | 15/ | |
| 70 | | / 33 į | | 46 1 | | | | | | | | | | | | | | | 7/ 38 | | 321 | 15/ | |
| 71 | | / 33 | | 31 | | | | | | | | | | | | | | | 12/ 32 | | 361 | 9/ | |
| | | 34 | | | | | | | | | | | | | | | | | 7/ 28 | | 281 | 14/ | |
| | | 36 | | | | | | | | | | | | | | | | | 9/ 28 | | | 7/ | |
| 74 | | 34 [| | 32 | | | | | | | | | | | | | | | 9/ 52 | | | 25/ | |
| 75 | | 381 | | | | | | | | | | | | | | | | | 17/ 70 | | | 17/ | |
| 76 | | 381 | | | | | | | | | | | | | | | | | 10/ 30 | | 241 | 6/ | |
| 77 78 | | 271 | | 28 | | | | | | | | | | | | | | | 14/ 66 | | 361 | 14/ | |
| 78 79 | • | / 28 i | | 27 | | | | | | | | | | | | | | | 21/ 50 | | | 13/ | |
| | | 271 | | | | 311 | | | | | | | | | | | | | 9/ 34 | | | 10/ | |
| 80 81 | | 271 | | 25 | | | | | | | | | | | | | | | 18/ 47 | | | 1/ | |
| 82 | | 21 | | 24 1 | | 25 | | | | | | | | | | | | | 6/ 30 | | | 17/ | |
| | | 261 | | | | | | | | | | | | | | | | | 13/ 33 | | | 15/ | |
| 84 | | 281 | | 30 I | | | | | | | | | | | | | | | 7/ 58 | | | 7/ | |
| 85 | | 341 | | | | | | | | | | | | | | | | | 8/ 25 | | | 17/ | |
| 86 | | 301 | | 24 1 | | | | | | | | | | | | | | | 9/ 34 | | | 8/ | |
| | | | | | | | | | | | | | | | | | | | 10/ 32 | | | 28/ | |
| | | | | | | | | | | / - | -, - | | | | | | | | | | | | |
| EAN | | 32.81 | | 1.11 | | 0.91 | | 1 | 34.1 | 32. | SI | 34.5 | 3 | 4.31 | 3 | 5.81 | 42 | 2.21 | | 1 3 | 6.31 | 5 | 2.3 |
| D. | | 7831 | | 6591 | | | | | | | | | | | | | | | 14.363 | | | | |
| 085 | | 8561 | | 761 | | 863 l | | ri 🗀 | | | | 859 | | | | | | 821 | 833 | | 8621 | 10 | |

NOTES * (BASED ON LESS THAN FULL MONTHS)
S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 Month: Jan Hours(LST): 0000-0200

| | ! | ••••• | _ | • • • • • • • • | | D SPEED | | | | ••••• | • • • • • • • | • • • • • • • • • | | ••• |
|-------------|---------------------|-------------|-------|-----------------|-----------------|---------|---------------|-----------------|---------------|---------------|---------------|-------------------|-------------------|-----|
| DIRECTION (| j 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-4D | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND | |
| N | .1 | . 1 | .2 | .2 | | •••••• | • • • • • • • | • • • • • • • • | • • • • • • • | ••••• | ••••• | • 6 | 8.3 | ••• |
| NNE | .6 | 1.2 | 1.2 | .8 | | | | | | | | 3.8 | 7.2 | |
| NE | 1.6 | 2.5 | 7.3 | 5.5 | -1 | •2 | | | | | | 17.3 | 9.1 | |
| ENE | 2.7 | 6.9 | 13.3 | 6.5 | . 3 | | | | | | | 29.7 | 8.2 | : |
| Ε | 3.3 | 7.0 | 12.8 | 4.1 | | | | | | | | 27.3 | 7.4 | |
| ESE | 1.5 | 3.1 | 5 - 1 | 1.3 | .1 | | | | | | | 11.1 | 7.2 | |
| SE | .9 | 1.2 | 1.6 | . 5 | | | | | | | | 4 • 2 | 7.1 | |
| SSE | | • 5 | .5 | •1 | •1 | | | | | | | 1.3 | 8.8 | |
| s | •2 | • 2 | .1 | •1 | •2 | | | | | | | . 9 | 9,4 | |
| ssw | -1 | • 1 | •1 | | | | | | | | | • 3 | 4.3 | |
| SW | ĺ | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | |
| w | | | | | | | | | | | | | | |
| UNU | | | | | | | | | | | | | | |
| NU | | | | | | | | | | | | | | į |
| NNW | | | | | | | | | | | | | | i |
| VARIABLE | •••••••• | • • • • • • | ••••• | • • • • • • • • | • • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • • • • | ••• |
| CATM (| ı | | | | | | | | | | | • | | |
| i | | | | | | | ,,,,,,,,, | | | | ,,,,,,,, | | ///// | - 1 |
| TOTALS | 11.1 | 22.9 | 42.3 | 19.1 | .9 | • 2 | | | | | | 100.0 | 7.7 | 1 |
| *********** | • • • • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • • | | |

TOTAL NUMBER OF OBSERVATIONS:

927

GLOBAL CLIMATOLOGY BRANCH
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

| ********** | • • • • • • • • • • • • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | | | in knots | ••••• | ••••• | •••••• | | | • • • • • • • • | • • • • |
|--------------------------|--|---------------|----------|-----------------|---------------|---------------|---|-----------------|-----------------|-----------------|---|-------------|-----------------|---------|
| DIRECTION ((DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL \$ | ME AN WIND | : |
| N | | • 2 | .1 | .3 | ••••• | •••••• | • • • • • • • • • | • • • • • • • | ••••• | ••••• | * | . 9 | 7,5 | ••• |
| NNE | ,6 | 1.4 | 1.0 | 1.4 | . 1 | | | | | | | 4.5 | 8.2 | : |
| NE | 1+2 | 3 . 8 | 7.6 | 6.0 | •1 | | | | | | | 18.7 | 9.0 | |
| ENE | 2.8 | 6 • 3 | 14.2 | 5.2 | . 3 | | | | | | | 28.8 | 8.0 | |
| E | 2,0 | 6.9 | 11.9 | 5.3 | .2 | | | | | | | 26.3 | 8.0 | |
| ESE | .5 | 4 - 4 | 3.8 | .5 | | | | | | | | 9.3 | 6.6 | |
| SE | -1 | 1.5 | 2.2 | ٠,٠ | | | | | | | | 4.3 | 7.9 | |
| SSE | •2 | • 5 | ., | . 1 | | | | | | | | 1.6 | 7.5 | |
| , s | | • 3 | | -1 | . 3 | | | | | | | . 8 | 11.9 | |
| SSW | •1 | | | | | | | | | | | •1 | 2.0 | |
| SW | | | | | | | | | | | | | | |
| WSW [| •1 | | | | | | | | | | | .1 | 2.0 | |
| w | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | i |
| VARIABLE I | •••••• | • • • • • • | ••••• | • • • • • • • • | • • • • • • • | •••••• | • | • • • • • • • • | • • • • • • • • | • • • • • • • | ••••• | •••••• | • • • • • • • • | ••• |
| 1 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 11111111 | ,,,,,,,,, | 1111111 | ,,,,,,,,,, | (((())) | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 9.6 | 111111 | : |
| TOTALS I | 8.0 | 25 • 4 | 41.1 | 19.6 | 1.1 | | | | | | | 100.0 | 7,7 | i |
| | | | | • • • • • • • | | • • • • • • • | • • • • • • • • | | • • • • • • • | • • • • • • • • | | | • • • • • • • | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | 912180 | STATION | NAME : | • | | | | | MONTH: | | D: 78- HOURS(L51 | | 0800 |
|-------------------------|-----------------|---------|--------|-------------------|-------------|-----------------|---|-----------------|-----------------|---------|---------------------|-------|-------------------------|
| DIRECTION (OEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 5 | | | GE 56 | TOTAL | ME AN WIND |
| N | .1 | • 2 | ••••• | •5 | • • • • • • | • • • • • • • • | • • • • • • • • • | • • • • • • • • | ••••• | ••••• | * • • • • • • • | ,9 | 9,8 |
| NNE | .5 | 1.2 | . 9 | 1.1 | • ! | 3 | | | | | | ۰.0 | 9.0 |
| NE | .4 | 4 • 3 | 7.6 | 7.4 | • 9 | 5 | | | | | | 20.3 | 9.4 |
| ENE | 1.9 | 6.0 | 11.8 | 6.5 | • 1 | 1 | | | | | | 26.3 | 8.2 |
| ε | 1.9 | 7.2 | 14.5 | 5.4 | | • | | | | | | 29.4 | 8.2 |
| ESE | • 2 | 4 . 3 | 3.8 | .6 | | | | | | | | 9.0 | 7.0 |
| SE | •1 | 1.5 | 2.2 | .8 | | | | | | | | 4.5 | 7.9 |
| SSE | | • 5 | . 3 | .5 | | | | | | | | 1.4 | 8.9 |
| s | •1 | • 3 | | •2 | | | | | | | | • 6 | 8.0 |
| ssw | | | | | | | | | | | | | |
| SW | •1 | | | | | | | | | | | .1 | 2.0 |
| wsw | •1 | | | | | | | | | | | .1 | 1.0 |
| w | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | +1 | | | | | | | | | | | . 1 | 1.0 |
| VARIABLE | ••••• | | ••••• | • • • • • • • • • | • • • • • • | • • • • • • • | • | • • • • • • • | • • • • • • • • | ••••• | | ••••• | |
| 1 | ,,,,,,,,,, | | | | | | | | | | | | 111111 |
| TOTALS | 1 | | | | | | | | | ******* | | | |
| IUIALS | 5.7 | 25 • 7 | 40.9 | 23.1 | 1.0 | • | | | | | | 100.0 | 8.1 |
| ************ | * • • • • • • • | ••••• | ••••• | • • • • • • • • | • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • • | •••••• | ••••• | •••••• | ••••• | • • • • • • • • • • • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 0900-1100

| | ! | ••••• | • • • • • • • • | • • • • • • • • | | ND SPEED | | | • • • • • • • | | ••••• | | |
|------------|--|-------|-----------------|-----------------|-------|----------|-----------------|---------------|---------------|----------|-------|-------------------|---------------|
| DIRECTION | l 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N | | • 2 | •2 | | | . 1 | | | | | | . 5 | 9.8 |
| NNE | .6 | • 6 | 1.0 | 1.4 | . 2 | | | | | | | 3.9 | 9.1 |
| NE | .5 | 2.2 | 6 - 4 | 6.9 | -1 | | | | | | | 16.0 | 9.8 |
| ENE | .• | 3.2 | 13.1 | 10.4 | • 3 | | | | | | | 27.6 | 10.0 |
| E | 1-2 | 4 - 8 | 16.7 | 10.1 | •1 | | | | | | | 32.9 | 9.2 |
| ESE | .4 | 2.4 | 6.1 | 1.4 | | | | | | | | 10.3 | 8.0 |
| SE | | 1.2 | 2.9 | 1.2 | | * | | | | | | 5.3 | 8.5 |
| SSE | | .1 | 1.7 | .4 | | | | | | | | 2.3 | 9.1 |
| s | •1 | | • 3 | | | | | | | | | .4 | 7,8 |
| SSW | •1 | . 1 | | | | | | | | | | .2 | 2,5 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| u | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| Nu | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARIABLE | , | ••••• | | | | ••••• | • • • • • • • • | • • • • • • • | • • • • • • • | | ••••• | ••••• | • |
| | ,,,,,,,, | | | | | | | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | | . 5 | 111111 |
| | 1 | | | | | | | | | | | 100.0 | |
| TOTALS | 3,4 | 14.9 | 48.4 | 31.9 | .8 | •1 | | | | | | 100.0 | 9.3 |
| ********** | | | | | | | | | | | | • • • • • • • • • | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: JAN HOL STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| ATION NUMBER | : A15180 | SIAIIUN | NAME: | ANUERSEN | AFB GUA | | | | MONTH: | OF RECOF | HOURS(LS) | | 1400 |
|--------------------------|-----------|----------|--------|----------|---------------|---------|-------------------|---------------|-----------------|----------|-----------|--------|---------------|
| DIRECTION I IDEGREESI | 1-3 | 4-6 | 7-10 | 11-16 | yIN 17-21 | D SPEED | IN KNOTS 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N I | .1 | . 4 | .4 | .2 | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • • | ••••• | •••••• | 1.2 | 8.0 |
| NNE ! | .6 | • 6 | 1.1 | 1.9 | • 3 | | | | | | | 4.6 | 9.7 |
| NE | +3 | 2.4 | 6.2 | 7.5 | | .1 | | | | | | 16.6 | 10-2 |
| ENE | .9 | 2.4 | 9.9 | 11.1 | • 5 | | | | | | | 24.7 | 10.4 |
| E | • 5 | 5 • 4 | 16.8 | 9.4 | •2 | | | | | | | 31.9 | 9.5 |
| ESE | . 8 | 2.0 | 7.1 | 2.0 | | | | | | | | 11.9 | 8.2 |
| SE | .6 | 1.3 | 2.4 | . 9 | | | | | | | | 5.2 | 7.5 |
| SSE | | . 4 | 1.5 | .5 | | | | | | | | 2 • 5 | 9.0 |
| s | | • 1 | .6 | -1 | | | | | | | | . 9 | 8.3 |
| ssw | | • 1 | | | | | | | | | | . 1 | 4.0 |
| sw i | | | | | | | | | | | | | |
| usu | | | | | | | | | | | | | |
| u į | | | | | | | | | | | | | |
| WWW | | | | | | | | | | | | | |
| NW I | | | | | | | | | | | | | |
| NNY I | | | •1 | | | | | | | | | •1 | 8.0 |
| VARIABLE | •••••• | •••••• | ••••• | •••••• | ••••• | •••••• | ••••• | • • • • • • • | •••••• | ••••• | | •••••• | • |
| CALM | 111111111 | ,,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ////// | ,,,,,,,, | . 3 | 111111 |
| TOTALS | 3,5 | 15.2 | 46.1 | 33.7 | 1.1 | . 1 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS:

78-87

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 912180 STATION NAME: MIGUERSEN AFB GUAM PERIOD OF RECORD: 78-87 HOURS(LST): 1500-1700 MAL :HTHOM WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 41-47 48-OIRECTION (DEGREES) 7-10 11-16 TOTAL ME AN 48-55 GE 56 1 WIND .1 1.0 8.1 • 2 NNE . 3 1.0 1.1 1.3 . 1 . 2 4.0 9.8 NE 7.8 17.7 1.2 2 . A 5.6 . 3 9.9 ENE 6 • 6 7.1 . 2 28.8 8,9 • 3 14.6 Ε 1.7 6 • 8 15 . 7 5.4 . 3 29.9 8.3 ESE .6 4.7 1.7 2.7 9.8 7.9 SE .5 .8 1.2 2.7 5.2 7.8 SSE . 3 • 8 1.6 2.7 8.4 5 • 5 9.2 SSW UNU NW VARIABLE CALM

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 1800-2000

| ••••••• | ••••• | • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • | | IN KNOTS | • • • • • • • | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • • • | • • • • • • • |
|------------------------|-----------|-------------|-----------------|-----------------|---------------|-------------|---------------------|---|-----------------|---------------|---------------|-------------------|-----------------|
| IRECTION DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL \$ | ME AN |
| N į | .4 | • 1 | | •2 | | | • • • • • • • • • • | ••••• | ••••• | ••••• | •••••• | .8 | 5.3 |
| NNE | • 3 | • 2 | 1.0 | 1.1 | | • 2 | | | | | | 2.8 | 10.1 |
| NE | 1.4 | 4 - 4 | 6.3 | 5.4 | .4 | •1 | | | | | | 16.1 | 8,8 |
| ENE ! | 2.4 | 8.3 | 15.5 | 6.5 | . 3 | | | | | | | 32.9 | 8.2 |
| E | 1.7 | 7 • 6 | 13.2 | 4.6 | | | | | | | | 27.2 | 7.7 |
| ESE | 1 • 3 | 3 • 8 | 2.8 | 1.3 | | | | | | | | 9.1 | 6.9 |
| SE | • 2 | 1.0 | 2.6 | .2 | | | | | | | | 4.0 | 7.5 |
| SSE | .4 | • 9 | 1.2 | .1 | | | | | | | | 2.2 | 6.9 |
| s | , 3 | • 1 | .4 | . 1 | | | | | | | | 1.0 | 6.3 |
| SSW | | | | | | | | | | | | | |
| Su . | | | | | | | | | | | | | |
| wzw | | | | | | | | | | | | | |
| | | | | | | • | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NU | | | | | | | | | | | | | |
| NNW | •1 | | | | | | | | | | | • 1 | 2.0 |
| | ••••• | • • • • • • | | | | • • • • • • | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | | • • • • • • • • |
| VARIABLE Calm | | | | | | | | | | | | | |
| 1 | ,,,,,,,,, | | | | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ,,,,,,, | .,,,,,,, | | ///// |
| TOTALS | 8,6 | 25.9 | 43.0 | 19.5 | - 8 | . 3 | | | | | | 100.0 | 7,9 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: MONTH: JAN HOURS(LST): 2100-2300 WIND SPEED IN KNOTS 6 17-21 22-27 28-33 34-40 41-47 48-DIRECTION I 7-10 48-55 G€ 56 TOTAL ME AN IDEGREES! | MINDN NNE .8 . 9 3.0 6.7 NE 1,5 . 3 18.0 9.5 ENE 1.6 9.5 13.5 . 1 . 3 31.0 8.2 ε 2,5 7.4 19.2 4.0 28.1 7.6 ESE 1.6 2.8 4.0 . 9 6.8 9.2 SE . 3 1.1 2.3 . 4 4.1 7.6 SSE • 3 • 3 1.4 . 1 7.3 s . 1 1.2 7.4 SSW SW 2.0 . 1 NM NNW VARIABLE CALM 3.0 ///// 100.0

TOTAL NUMBER OF OBSERVATIONS: 930

 \mathcal{C}

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| ATION NUMBER | : 912180 | STATIO | NAME: | | | - | | | MONTH: | | HOURS(LS | -87 t): AL | L |
|--------------------------|-----------|-------------|---------|-----------------|---------|---------------|---|---------|---------|---------|----------|---|-------------|
| 1 | ••••• | | ••••• | | WI | ND SPEED | IN KNOT | s | ••••• | ••••• | ••••• | • | ••••• |
| DIRECTION ((DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | | 22-27 | | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN |
| N | • 1 | • 2 | .2 | . 2 | | • 0 | ••••• | ••••• | ••••••• | | | .8 | 8.0 |
| NNE I | .6 | .9 | 1.0 | 1.2 | . 1 | •1 | | | | | | 3.8 | 8.8 |
| NE | 1.0 | 3.3 | 6 • 5 | 6.6 | • 3 | • 1 | | | | | | 17.8 | 9.4 |
| ENE ! | 1.6 | 6 • 1 | 13.2 | 7.4 | . 3 | •0 | | | | | | 28.7 | 8.7 |
| E į | 1.8 | 6 • 6 | 14.5 | 6.0 | •2 | | | | | | | 29.1 | 8.3 |
| ESE I | .9 | 3 • 2 | 4.7 | 1.2 | •0 | | | | | | | 10.5 | 7.4 |
| SE I | .3 | 1.2 | 2.3 | .7 | | | | | | | | 4.6 | 7,7 |
| SSE | • 1 | • 5 | 1.1 | . 3 | •0 | | | | | | | 2.0 | 8.2 |
| s i | •1 | • 2 | . 3 | - 1 | .1 | | | | | | | . 8 | 8,4 |
| 422 | •0 | .0 | .0 | | | | | | | | | .1 | 3.4 |
| sw i | •0 | | | | | | | | | | | •0 | 2.0 |
| wsw | •0 | | | | | | | | | | | •0 | 1.5 |
| | •0 | | | | | | | | | | | .0 | 2.0 |
| WNW I | | | | | | | | | | | | | |
| NW i | | | | | | | | | | | | | |
| NNU j | •0 | | •0 | | | | | | | | | •0 | 3.7 |
| VARIABLE | •••••• | • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • | • | ••••• | •••••• | •••••• | ****** | •••••• | • • • • • • |
| CALM | ,,,,,,,,, | ,,,,,,, | 1111111 | ,,,,,,,, | /////// | ,,,,,,,, | //////// | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | 2.2 | ///// |
| TOTALS | 6,8 | 22.3 | 43.8 | 23.7 | 1.0 | •2 | | | | | | 100.0 | 8.3 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

| *********** | | • • • • • • • | ****** | • • • • • • • • | | O SPEED | IN KNOTS | ••••• | ••••• | • • • • • • • | ••••• | ••••• | • |
|------------------------|--|---------------|----------|-----------------|---------------|---------|-----------------|---------|-----------------|-----------------|---------|------------|---|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | | | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | ME AN Wind |
| N | ! | . 8 | .2 | -1 | • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • • | • • • • • • • | ****** | 1.2 | 6.8 |
| NNE | .1 | 1.1 | 2.2 | 5.5 | •1 | | | | | | | 5.8 | 9.4 |
| NE | | 3.0 | 9.3 | 7.0 | •2 | | | | | | | 20.3 | 9.3 |
| ENE | 2.2 | 7.9 | 13.2 | 5.8 | •2 | | | | | | | 29.4 | 7.9 |
| E | 2.8 | 7•4 | 13.0 | 5.4 | | | | | | | | 28.7 | 7.8 |
| ESE | .5 | 2 • 2 | 2.8 | • 9 | | | | | | | | 6.5 | 7.6 |
| SE | .2 | • 7 | .7 | •1 | | | | | | | | 1.8 | 6.7 |
| SSE | .5 | • 5 | .2 | •2 | | | | | | | | 1.4 | 5.8 |
| S I | , s | • 2 | | | | | | | | | | .7 | 2.8 |
| SSW | 1 .2 | | | | | | | | | | | • 2 | 1.5 |
| SW | •1 | • 1 | | | | | | | | | | .2 | 3.0 |
| WSW | 1 ! | | | | | | | | | | | | |
| w | ! ! | | | | | | | | | | | | |
| ANA | 1 | | | | | | | | | | | | |
| NU | ! ! | • 1 | | | | | | | | | | . 1 | 4.0 |
| NNW | 1 1 | | | | | | | | | | | | |
| VARIABLE | ! | • • • • • • • | •••••• | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • • | • • • • • • • • | ••••• | •••••• | • • • • • • • • • • |
| CALM | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | 1111111 | /////// | /////// | ,,,,,,, | 3.5 | 111111 |
| TOTALS | 8.0 | 24.1 | 41.8 | 21.9 | .6 | | | | | | | 100.0 | 7.8 |
| ********** | • • • • • • • • • • | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| | | | | | | | | | | | | | | 1 |
|------------------------|----------|-------------------|---------|-------------------|---------------|---------------|----------|-----------------|------------------|---------------|---------------------|--------|-----------------------|---|
| STATION NUMBER | 912180 | STATION | NAME: | ANDERSEN | AFB GU | M | | | PERIOD MONTH: | QF RECOR | D: 78- HQURSILSI | | 0500 | |
| *********** | ****** | • • • • • • • • • | ••••• | • • • • • • • • | | | IN KNOTS | | • • • • • • • • | • • • • • • • | •••••• | •••••• | • • • • • • • • • • • | • |
| NOITSBRID 1233RB30) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | | 48-55 | GE 56 | TOTAL | ME AN | |
| N (| .4 | .2 | .5 | • • • • • • • • • | • • • • • • • | • • • • • • • | •••••• | ••••• | •••••• | | •••••• | 1.1 | 6,1 | ٠ |
| 1 | •,* | • 2 | • • | | | | | | | | | | 0,1 | |
| NNE ! | -1 | 1.3 | 2.8 | 2.2 | • 2 | | | | | | | 6.7 | 9,6 | |
| NE | 2.1 | 3.1 | 9 • 6 | 8.4 | •1 | | | | | | | 23.3 | 9.0 | |
| ENS | 2.4 | 7.9 | 12.5 | 5.0 | •2 | | | | | | | 28.0 | 7.8 | |
| E | 2.5 | 5.7 | 13.7 | 4.8 | -1 | | | | | | | 26.8 | 8.0 | |
| ESE | 1.1 | 1.5 | 2.6 | .4 | | | | | | | | 5.6 | 6.6 | |
| SÉ | .5 | • 8 | .9 | .4 | | | | | | | | 2.6 | 6.5 | |
| SSE | • 2 | • 5 . | .* | .1 | • | | | | | | | 1.2 | 6.1 | |
| s | •1 | .4 | •1 | | | | | | | | | • 6 | 4.6 | |
| SSW i | •2 | • 1 | | | | | | | | | | • • | 3.3 | |
| SW | •1 | • 1 | | | | | | | | | | • 2 | 3,5 | |
| WSW | <u> </u> | | | | | | | | | | | | | |
| v ! |) | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | |
| NNW (| | • 4 | .1 | | | | | | | | | .5 | 5.3 | |
| VARIABLE | ****** | •••••• | ••••• | •••••• | • • • • • • | • • • • • • • | ••••• | • • • • • • • • | ******* | ****** | ******* | | • • • • • • • • • • | * |
| CALM | | ,,,,,,,, | 1111111 | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | 1111111 | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 3.1 | 111111 | |
| TOTALS | 9.7 | 22.8 | 43.3 | 21.3 | .7 | | | | | | | 100.0 | 7.8 | 1 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: PERIOD OF RECORD: ANDERSEN AFB GUAM MONTH: FEB HOURS(LST): 0600-0800 WIND SPEED IN KNOTS DIRECTION | IDEGREES) | ME AN WIND 17-21 7-1B 28-33 TOTAL 22-27 34-40 GE 56 9.1 NNE • 1 2.2 2.1 6.6 9.1 NE . 1 21.5 9.5 ENE 13.4 . 1 28.1 8.5 E Z.7 12.5 6.1 27.7 6.3 8.2 ESE . 8 . 9 4.0 .1 7.7 7.6 SE • 1 • 6 1.5 2.2 7.1 SSE . 2 • 5 . 9 6.0 5 . 6 . 7 1.3 3.5 SSW 3.5 RNM 2.3 CALM 100.0 8.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: PERIOD OF RECORD: HONTH: FEB HOURS(LST): 0900-1100 WIND SPEED IN KNOTS 1 22-27 28-33 34-40 DIRECTION | (DEGREES) | 7-10 11-16 17-21 48-55 GE 56 TOTAL ME AN WIND 7.3 1.7 NNE • 1 1.2 3.2 2.2 9.4 6.7 NE . 5 10.0 18.9 10.9 ENE 11.9 • 1 10.4 10.3 E 15.0 10.5 1 . 3 6.0 33.7 . 5 2.0 1.2 4.4 SE . 5 . 4 1.3 . 5 7.6 SSE . 1 • 6 .6 1.4 6.9 s . 2 4.5 1.2 SSW . 1 . l 7.0 SW . 1 2.0 . 2 NNU VARIABLE CALH 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: HONTH: FEB HOURS(LST): 1200-1400 WIND SPEED IN KNOTS DIRECTION (DEGREES) TOTAL HE AN 7-10 WIND 1.3 . 4 NNE 9.1 8.0 • 2 1.5 4.1 2.1 20.9 10.7 NE 9.0 9.8 ENE 9.3 22.8 11.0 10.3 ε .8 .7 13.5 10.6 32.2 9.4 ESE . 1 9.2 SE 6.5 . 2 SSE . 4 . 4 . 1 7.4 S . 2 .1 . 4 6.6 • 1 SSW • 2 • 1 3.0 SW WSW 3.0 . 1 NV 5.0 . 1 NNW VARIABLE 100.0 TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

C

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 1500-1700

| | ! | ••••• | ••••• | | ı. | D SPEED | | | • • • • • • • • | | | | |
|------------------------|--|-------|-------|---------------|-------------|---------|---|---------------|-------------------|---------------|----------------|---------------------|---------------|
| OIRECTION (DEGREES) | i 1-3 I | 4 -6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL * | AIND WE WA |
| N | ! | .7 | .7 | -8 | | •••••• | • • • • • • • • • | • • • • • • • | • • • • • • • • • | • • • • • • • | ** • • • • • • | 2.2 | 8.9 |
| NNE | .1 | 1.1 | 2.7 | 2.2 | . 2 | | | | | | | 6.4 | 9.9 |
| NE | .1 | 3 • 2 | 10.6 | 8.0 | •2 | | | | | | | 22.2 | 9.9 |
| ENE | .9 | 3 • 8 | 13.5 | 9.8 | .2 | | | | | | | 28.3 | 9.4 |
| £ | 1.1 | 5.4 | 14.2 | 8.5 | .2 | | | | | | | 29.4 | 8.9 |
| ESE | .5 | 1.5 | 2.1 | 2.0 | | .1 | | | | | | 6.3 | 8.7 |
| SE | .7 | • 6 | 1.2 | | | | | | | | | 2.5 | 6.1 |
| SSE | .9 | .4 | .4 | | | | | | | | | 1.1 | 4.9 |
| s | •2 | . 4 | •1 | •2 | | | • | | | | | .9 | 7.1 |
| SSW | | . 2 | | | | | | | | | | • 2 | 4.5 |
| SW | | . 1 | | | | | | | | | | .1 | 5.0 |
| WSW | | | | | | | | | | | | | |
| u | i | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | -1 | | •1 | | | | | | | | | • 2 | 5.0 |
| VARIABLE | · | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• | • | • • • • • • • | • • • • • • • • | ••••• | ••••• | • • • • • • • • • • | • |
| | ,,,,,,,,, | | | | | | ,,,,,,,, | | | ,,,,,,, | ,,,,,,,, | . • | 111111 |
| | 1 | | | | | | | | | | | | |
| IVIALS | i •••• | 17.4 | 45.6 | 31.7 | .4 | • 1 | | | | | | 100.0 | 7.2 |
| TOTALS | 4.1 | 17.4 | 45.6 | 31.7 | .9 | .1 | ••••• | • • • • • • • | ••••• | ••••• | ••••• | 100.0 | 9.2 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: FEB HOURS(LST): 1800-2000 WIND SPEED IN KNOTS ME AN TOTAL DIRECTION 7-10 17-21 22-27 28-33 34-40 48-55 GE 56 (DEGREES) | 4.5 1.2 . 1 5.9 9.3 NNE .4 2.4 1.1 2.1 NE .7 11.5 6.4 23.2 9.1 ENE 2.0 . 1 31.4 8.4 6 . 7 E 2.1 . 2 27.1 8.2 12.2 5.9 6.6 7.2 ESE . 2 . 6 1.1 2.8 2.6 6.1 SE . 9 . 4 SSE 1.2 3.6 . 6 • 5 . 1 s . 8 5.9 . 1 .2 . 1 . 2 2.0 SSW . 2 WSW NW NNU VARIABLE CALM 1.7 /////

TOTAL NUMBER OF OBSERVATIONS:

100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
HONTH: FEB HOURSILST): 2100-2300

| | ! | | | | WIN | D SPEED | IN KNOT | | • • • • • • • | • • • • • • • | | | | |
|---|-------------------------|-------|----------|---------------|---------------|---------|-----------------|---|-----------------|---------------|----------|---|-----------------|-------|
| OIRECTION (OEGRES) | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND | |
| N | ,1 | . 4 | .4 | | | | ••••• | • | ••••• | | ••••• | .6 | 5.4 | |
| NNE | .• | • 6 | 1.7 | 1.7 | | | | | | | | 4.3 | 9.2 | |
| NE | 1.3 | 3.9 | 8.7 | 6.7 | . 4 | | | | | | | 21.0 | 9.1 | |
| ENE | 1.4 | 9.5 | 15 -0 | 7.0 | •1 | | | | | | | 33.0 | 8.1 | |
| E | 2,2 | 7.0 | 13.2 | 5.2 | • 2 | | | | | | | 27.9 | 8.2 | |
| ESE | ,5 | 1.9 | 2.5 | .9 | | | | | | | | 5.8 | 7.6 | |
| SE | .8 | • 8 | •6 | •2 | | | | | | | | 2.5 | 5,7 | |
| SSE | .6 | • 1 | • 2 | | | | | | • | | | .9 | 3.8 | |
| s | .1 | . 1 | •2 | -1 | | | | | | | | .6 | 7.0 | |
| SSW | .2 | | | | | | | | | | | .2 | 1.5 | |
| SW | .1 | | | | | | | | | | | .1 | 3.0 | |
| ASA | .1 | | | | | | | | | | | .1 | 1.0 | |
| w | į | | | | | | | | | | | | | |
| שאש | ! | | | | | | | | | | | | | |
| NW | į | | | | | | | | | | | | | |
| HNW | į | | | | | | | | | | | | | |
| VARIABLE | | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • • | ••••• | ••••• | • | • • • • • • • • | • • • |
| | i 1 <i>/////////</i> | | ,,,,,,,, | | | ,,,,,,, | ,,,,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 2.7 | ,,,,,, | |
| TOTALS | 7,9 | 24.2 | 42.6 | 21.9 | •7 | | | | | | | 100.0 | 8.0 | |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | i | 47.4 | 72.00 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: MONTH: FEB HOURS(LST): ALL WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 ME AN DIRECTION TOTAL 48-55 GE 56 IDEGREES! t N 7.3 1.5 • 5 • 6 NNE • 5 1.2 2.6 2.2 6.3 9.4 NE . 8 9.3 . 2 21.4 9.7 3.0 8.1 ENE 13.3 7.7 .2 28.3 8.8 1.4 5 • 7 ε . 3 29.2 2.0 7.2 8.5 13.4 8.0 ESE . 6 .0 1.6 3.2 1.1 ·D 6.6 SE . 5 1.0 . 2 2.5 6.5 SSE . 1 1.1 . 3 5.6 . 1 .1 . 9 .0 . 3 3.1 • 2 . 1 3.3 • 0 . 1 • 1 .0 WSW .0 1.0 .0 .0 HNY • 0 7.0 NU .0 .0 4.5 NNW VARIABLE CALM 1.7 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

MONTH: MAR HOURS (LST): 0000-0200 HONTH: HAR WIND SPEED IN KNOTS DIRECTION 48-55 GE 56 TOTAL HE AN 7-10 28-33 34-40 * HIND (DEGREES) !N 4.3 1.0 . 1 . 2 . 6 NNE 1.1 2.2 8.6 • 1 . 4 . 5 NE 3.0 7.1 4.5 14.9 9.0 ENE 20.3 43.0 8.7 E 32.9 8.7 1.0 ESE . 3 7.8 1.2 2.5 • 2 1.2 SE . 1 6.5 1.1 SSE S SSW WNW NW NNW VARIABLE CALM .6 ////// TOTALS 100.0 8.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-050G

| ************ | | • • • • • • • • | ••••• | • • • • • • • • • | uI: | D SPEED | IN KNOT | • | • • • • • • • • | ••••• | • • • • • • | •••••• | • |
|---|-----------------------------------|-----------------|----------|-------------------|---------------|---------------|---------------|---|-----------------|----------|-------------|-----------------------|---|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | | | | | | 41-47 | | GE 56 | TOTAL | ME AN |
| N | .1 | . 2 | . 3 | •2 | • • • • • • • | •••••• | | • • • • • • • | | ••••• | ••••• | .9 | 7.4 |
| NNE | .3 | . 6 | 1.9 | . 9 | | | | | | | | 3.8 | 8.1 |
| NE | 1.1 | 4 • 1 | 9.5 | 4.3 | •1 | | | | | | | 19.0 | 8.5 |
| ENE | 1.2 | 8.7 | 21.5 | 9.4 | • 2 | | | | | | | 41.9 | 8.7 |
| E | .9 | 6.3 | 15.3 | 5.5 | • 2 | .1 | | | | | | 28.3 | 8.5 |
| ESE | .5 | 1.5 | 2.6 | • 6 | | | | | | | | 5.3 | 7,•1 |
| SE | •2 | • 1 | • 8 | | | | | | | | | 1.1 | 7.1 |
| SSE | •1 | • 1 | | • 1 | | | | | | | | • 3 | 6.0 |
| s | i i | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | i 1 | | | | | | | | | | | | |
| wsw | į | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | i 1 | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | į | • 1 | | | | | | | | | | •1 | 4.0 |
| VARIABLE | | • • • • • • | ••••• | • • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • • • • • | • • • • • • • • • • |
| CALM I | ! ! <i>! ! ! ! ! ! ! ! !</i> ! | ,,,,,,, | ,,,,,,,, | ,,,,,,, | 1411111 | ///////// | //////// | (////// | (((((() | ,,,,,,,, | ////// | .3 | 111111 |
| TOTALS | 4.4 | 21 • 8 | 51 • 8 | 21.0 | • 5 | .1 | | | | | | 100.0 | 8.5 |
| *************************************** | • | • • • • • • | ••••• | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • | • • • • • • • • | ••••• | • • • • • • | • • • • • • • • • • • | •••••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
HONTH: MAR HOURS(LST): 0600-0800 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| | | • • • • • • • | ••••• | • • • • • • • | | D SPEED | IN KNOTS | ••••• | • • • • • • • • | • • • • • • • | • • • • • | • • • • • • • • • • | • • • • • • • • • | •• |
|---------------------|------------------------|---------------|---|---------------|---------------|----------------|---------------|---------------|-----------------|---------------|-----------|---------------------|-------------------|-------|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL * | ME AN | |
| N | .4 | . 4 | .2 | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | | | ••••• | 1.4 | 6,1 | •• |
| NNE | .2 | . 4 | 1.5 | .4 | | | | | | | | 2.6 | 8,4 | |
| NE | .6 | 2.6 | 7.5 | 5.5 | . 3 | | | | | | | 16.6 | 9.4 | |
| ENE | .9 | 7 • 7 | 22.2 | 12.5 | .4 | | | | | | | 43.7 | 9.3 | |
| E | .8 | 5.3 | 17.1 | 7.3 | | | | | | | | 30.4 | 8.9 | |
| ESE | .3 | 1.0 | 2.0 | .9 | | | | | | | | 4.2 | 7.9 | |
| SE | •1 | . 1 | •2 | .1 | | | | | | | | .5 | 7.0 | |
| SSE | | | | | | | | | | | | | | |
| s | | | | | | | | | | | | | | |
| SSW | ! ! | | | | | | | | | | | | | |
| Sw | l İ | | | | | | | | | | | | | |
| WSW | 1 ! | | | | | | | | | | | | | |
| u | ! | | | | | | | | | | | | | |
| WNU | l] | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | •1 | 2.0 | |
| NNW | .1 | | | | | | | | | | | •1 | 2.0 | |
| | ••••••• | ••••• | | | | | | | | | | • • • • • • • • • | • • • • • • • | • • • |
| VARIABLE | 1 | | | | | | | | | | | | | |
| | † <i>////////</i> 1 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | <i>!!!!!!!</i> | ///////// | ,,,,,,,, | ''''' | ,,,,,,, | ,,,,,, | | 111111 | |
| TOTALS | 3,5 | 17.5 | 50.8 | 27.0 | .8 | | | | | | | 100.0 | 9.0 | - 1 |
| | • • • • • • • • • | | | | | | | | | | • • • • • | • • • • • • • • • | | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87
HONTH: MAR HOURS(LST): D9DD-11DD STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION | IDEGREES | TOTAL ME AN WIND 7-10 41-47 48-55 GE 56 6.4 NNE .5 1.5 3.3 9.5 NE 7.6 14.5 10.5 ENE 17.8 35.3 10.7 E 14.9 . . 1 38.3 20.4 10.2 ESE 2.9 7.0 10.3 3.7 SE 9.8 . 2 . 6 SSE VSW 2.0 WNW . 1 NH NNW VARIABLE CALM .1 ////// 10.3 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

PERIOD OF RECORD: MONTH: MAR HO STATION NUMBER: 912180 STATION NAME: 78-87 HOURS (LST): 1200-1400 WIND SPEED IN KNOTS 17-21 22-27 28-33 ME AN WIND DIRECTION GE 56 TOTAL IDEGREES! 1 7.8 1.0 9.7 NNE . 4 2.3 4.6 NE 6.5 9.0 - 1 10.7 . 1 ENE 1.0 32.3 2.3 11.5 17.5 11.1 £ 10.3 2.2 20.1 14.9 .2 ESE **.** 1 4.0 2.4 10.4 SE . 2 .5 . 3 1.1 9.3 SSE . 1 10.0 S UNM NW NNW VARIABLE CALM

TOTAL NUMBER OF OBSERVATIONS: 930

10.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: MAR HOURS(LST): 1500-1700

| ••••• | | • • • • • • • | ••••• | * * * * * * * * * | | | IN KNOT | | • • • • • • • | | | | |
|---------------------|---------------------|---------------|-------|-------------------|-------------|-----------|---|---------------|-----------------|-----------|--------|--------|---------------------|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41~47 | 48-55 | GE 56 | TOTAL | ME AN |
| N | ! | • • • • • • • | 1.3 | .2 | | ••••• | • • • • • • • | | • • • • • • • • | | •••••• | 1.5 | 8.7 |
| NNE | <u>.</u> | 1.2 | 1.6 | 1.4 | | | | | | | | 4.2 | 9.1 |
| NE | .1 | 2 • 4 | 7.4 | 6.5 | . 1 | | | | | | | 16.5 | 9.8 |
| ENE | .2 | 3 • 0 | 18.2 | 16.3 | •5 | | | | | | | 38.3 | 10.3 |
| £ | .2 | 3 • 4 | 18.4 | 11.0 | •1 | | | | | | | 33.1 | 9.7 |
| ESE | .2 | . 9 | 2.2 | 1.7 | | | | | | | | 4.9 | 9.2 |
| SE | .1 | • 2 | .6 | . 3 | | | | | | | | 1.3 | 8.4 |
| SSE | | | | | | | | | | | | | |
| s | <u> </u> | • | | | | | | | | | | | |
| SSW | 1 | | | | | | | | | | | | |
| SW | 1 1 | | | | | | | | | | | | |
| WSW | į | • 1 | | | | | | | | | | . 1 | 6.0 |
| W | • | | | | | | | | | | | | |
| WNW | į | | | | | | | | | | | | |
| Nu | į | | | | | | | | | | | | |
| NNU | į | | | | | | | | | | | | |
| VARIABLE | : • • • • • • • • • | ••••• | ••••• | | • • • • • • | ••••• | • | • • • • • • • | • • • • • • • • | | ••••• | •••••• | • • • • • • • • • • |
| |) | | | | | .,,,,,,, | ,,,,,,,, | ,,,,,,,, | | ,,,,,,,,, | | | 111111 |
| | 1 | | | | | .,,,,,,,, | | | | | | 100.0 | 9.8 |
| TOTALS | ! .9 ! | 11.2 | 49.7 | 37.4 | •8 | | | | | | | 100.0 | 7.0 |
| | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS: 930

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800~2000

| DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E 56 ToTAL MEAN 1056Rgrs 10.0 | ••••• | • • • • • • • • • • • • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | | ND SPEED | IN KNOTS | • • • • • • • | • • • • • • • • | • • • • • • • • | •••• | •••• | ••••• | ••••• |
|---|----------|---------------------------------------|---------------|--------|---------------|--------|-----------|---------------------|---------------|-----------------|-----------------|-------|---------|--------|---|
| NNE | | | 4-6 | 7-10 | 11-16 | | | | | 41-47 | 48-55 | 6E | 56 | | |
| NNE | N | · · · · · · · · · · · · · · · · · · · | | •1 | ••••• | •••••• | ••••• | • • • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | •••• | | .6 | 4.8 |
| ENE | NNE | 1 | | | 1.1 | | | | | | | | | 3.0 | 9.3 |
| E | NE | .2 | 3.4 | 9.7 | 4.6 | | | | | | | | | 18.0 | 8.9 |
| ESE 1.2 2.0 1.0 4.2 8.5 SE .4 .6 .1 1.2 7.3 SSE .1 .1 8.0 S SSW SW .1 .1 4.0 WANN NAW NAW NAW NAW NAW NAW NAW NAW NAW | ENE | ,5 | 6 • 8 | 23.7 | 12.7 | | | | | | | | | 43.7 | 9.1 |
| SE | E | .8 | 6.0 | 17.0 | 5.1 | | | | | | | | | 28.8 | 8.4 |
| SSE | ESE | į | 1.2 | 2.0 | 1.0 | | | | | | | | | 4.2 | 8.5 |
| S | SE | ! | . 4 | •6 | . 1 | | | | | | | | | 1.2 | 7.3 |
| SSW | SSE | į | | •1 | | | | | | | | | | • 1 | 8.0 |
| SW .1 .1 %.0 MSW W WNW NW NW CALH /////////////////////////////////// | s I | ; ! : | | | | | | | | | | | | | |
| WSW WNW NNW VARIABLE CALH /////////////////////////////////// | SSW | į | | | | | | | | | | | | | |
| W WNW NW NW NW YARIABLE CALH /////////// .3 ///// | SW |] | • 1 | | | | | | | | | | | .1 | ۰.0 |
| WNW NM NNM VARIABLE CALM //////////////////////////////////// | . WSW | ; { | | | | | | | | | | | | | |
| NM NNW VARIABLE CALH /////////////////////////////////// | u | • | | | | | | | | | | | | | |
| NW | WNW | į | | | | | | | | | | | | | |
| VARIABLE | NW | į | | | • | | | | | | | | | | |
| CALH | NNW | r 1 8 | | | | | | | | | | | | | |
| CALH | UADTAR F | • • • • • • • • • • | • • • • • • • | •••••• | • • • • • • • | ••••• | ••••• | • • • • • • • • • • | ••••• | • • • • • • • • | ••••• | •••• | • • • • | •••••• | • |
| | | 1 | | | | | | | | | | | | | |
| TOTALS 1.7 18.8 54.6 24.5 100.0 8.8 | ! | 1 | | | | | ,,,,,,,,, | ,,,,,,,,, | .,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,, | ,,,, | | 1 |
| | TOTALS | 1.7 | 18.8 | 54 • 6 | 24.5 | | . | | | | <u></u> | | | 100.0 | 8.8 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-67

MONTH: MAR HOURS(LST): 2100-2300

| | | | | | | | | | | | 400-2152 | 1 +100- | 2 300 | |
|------------------------|----------------------------|-------------|-----------------|---------------|---------------|-----------------|-------------------|---------------|-----------------|---------|----------|---------|---------------------|-----|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | yII 17-21 | | IN KNOTS 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN | |
| N | ! | . 2 | -1 | | | ••••• | ••••• | | ••••• | | ••••• | . 3 | 6,7 | • |
| NNE | .1 | 1.1 | 1.6 | -1 | | | | | | | | 2.9 | 7.1 | |
| NE | .• | 2.2 | 8.4 | 5.8 | | | | | | | | 16.8 | 9.3 | |
| ENE | | 7.5 | 22 • 6 | 12.0 | .1 | | | | | | | 42.7 | 9.1 | |
| E | ., | 6 • 2 | 16.8 | 6.9 | | | | | | | | 30.8 | 8.6 | |
| ESE | .1 | 1.7 | 2.3 | 1.1 | | | | | | | | 5.2 | 8.2 | |
| SΕ | } | • 2 | | | | | | | | | | .6 | 7.5 | |
| SSE | ! | •1 | -1 | | | | | | | | | • 2 | 5.5 | |
| s | : | | | | | | | | | | | | | |
| SSW | ! | | | | | | | | | | | | | |
| SW | ! | | | | | | | | | | | | | |
| WSW | ! | | | | | | | | | | | | | |
| v | <u>.</u> | | | | | | | | | | | | | |
| WNW | ! | | | | | | | | | | | | | |
| NU | ! | | | | | | | | | | | | | |
| NNU | ! | | | | | | | | | | | | | |
| | ! : • • • • • • • • • | ••••• | • • • • • • • | | | ••••• | ••••• | | | | | ••••• | | ٠. |
| VARIABLE | l . | | | | | | | | | | | _ | | |
| | <i> </i> | | | | | | ,,,,,,,, | • | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | | 111111 | |
| TOTALS | 1.9 | 19.2 | 52.3 | 25.9 | •1 | | | | | | | 100.0 | 8.8 | i |
| ••••• | • • • • • • • • • | • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • • • • | • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | R: 912180 | STATION | NAME: | ANDERSEN | AFB GUA | H | | | PERIOD HONTH: | | D: 78- Hours(Ls) | | L | : |
|---------------------|--|-----------|---------|----------|-----------------|---------|-------------------|---------------|---------------|---------|---------------------|-------|---------------|-----|
| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | ⊌IN 17-21 | | IN KNOTS 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND | |
| N | | . 3 | ٠٠٠٠٠ | .1 | • • • • • • • • | ••••• | • • • • • • • • | • • • • • • • | ••••• | •••••• | •••••• | .9 | 6,7 | |
| NNE | .1 | • 6 | 1.6 | .9 | | | | | | | | 3.3 | 8.8 | |
| NE | .3 | 2 • 4 | 7 - 8 | 6 • D | -1 | | | | | | | 16.6 | 9.5 | |
| ENĘ | .7 | 6.0 | 19.3 | 13.7 | • 3 | | | | | | | 40.0 | 9.5 | |
| Ε | .6 | 4.9 | 17.7 | 9.2 | -1 | •0 | | | | • | | 32.5 | 9.2 | |
| ESE | .2 | 1.0 | 2.6 | 1.4 | | | | | | | | 5.2 | 8.9 | |
| SE | -1 | . 3 | .5 | .1 | | | | | | | | 1.0 | 7.8 | |
| SSE | | •0 | .0 | •0 | | | | | | | | . 1 | 6.7 | |
| s | į | | | | | | | | | | | | | |
| ssu | | | | | | | | | | | | | | |
| SW | | •0 | | | | | | | | | | •0 | 4.0 | |
| usu | į | .0 | | | | | | | | | | •0 | 6.0 | |
| w | į | | | | | | | | | | | | | |
| WNW | •0 | | | | | | | | | | | •0 | 2.0 | |
| NW | .0 | | | | | | | | | | | •0 | 2.0 | |
| NNW | .0 | •0 | | | | | | | | | | .0 | 3.0 | |
| VARIABLE | , | ••••• | ••••• | •••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••• |
| | i ! , , , , , , , , , , , , , , , | ,,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,,, | . 3 | 111111 | |
| TOTALS | 2.1 | 15•7 | 49.9 | | .6 | •0 | | | | | | 100.0 | 9.3 | |
| | i | | 4717 | | | ••• | | | | | | | 7.3 | ! |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| TION NUMBER | : 912180 | STATION | NAME: | ANDERSEN | AFB GU | AM | | | PERIOD HONTH: | OF RECOR | D: 78. Hours(Ls | -87 T): 0000- | 0200 |
|--------------------------|-----------------|---------|--------|---------------|-------------|-------------------|-------------------|---------------|------------------|-----------------|--------------------|------------------|---------------|
| DIRECTION TOEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | ND SPEED 22-27 | | 34-40 | 41-47 | | GE 56 | TOTAL | ME AN UNIW |
| N ! | -1 | • 2 | •••••• | . 3 | ••••• | • • • • • • • • | • • • • • • • • • | • • • • • • • | | • • • • • • • • | ••••• | .7 | 8. |
| NNE | | • 1 | • 3 | •2 | | | | | | | | .7 | 9. |
| NE | . 3 | 1.2 | 2.7 | .9 | | | | | | | | 5 • 1 | 7. |
| ENE | 1.7 | 8.6 | 16.8 | 5.0 | | | | | | | | 32.0 | 8. |
| E | 1.9 | 12.9 | 22.6 | 8.1 | •1 | | | | | | | 45.6 | 8. |
| ESE | 1 - 1 | 2 • 6 | 4.0 | .9 | | | | | | | | 8.6 | 6. |
| SE I | • 2 | • 8 | .8 | | | | | | | | | 1.8 | 6. |
| SSE | • 2 | - 1 | .• | •1 | | | | | | | | . 8 | 7. |
| s | •1 | . 3 | •1 | | | | | | | | | .6 | 5. |
| SSW . | | . 1 | •1 | | | | | | | | | • 2 | 6. |
| sw i | • 2 | • 1 | | | | | | | | | | • 3 | 3. |
| WSW | • 2 | | | | | | | | | | | .2 | 2. |
| v į | • 2 | • 2 | •2 | | | | | | | | | .7 | 5. |
| עמע | • 1 | •1 | | | | | | | | | | • 2 | 4. |
| NW | | • 2 | •1 | | | | | | | | | . 3 | 5. |
| שאא | .• | • 2 | | | | | | | | | | .7 | 3. |
| VARIABLE ! | • • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | •••••• | •••• |
| CALM | ,,,,,,,,, | ,,,,,,, | 111111 | ,,,,,,,, | ////// | ,,,,,,, | ,,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 1.7 | 11111 |
| TOTALS ! | 6.8 | 27 • 8 | 48 - 1 | 15.6 | •1 | | | | | | | 100.0 | 7. |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

MONTH: APR HOURS(LST): 0300-0500 WIND SPEED IN KNOTS 17-21 22-27 28-33 ME AN DIRECTION | 1-3 7-10 TOTAL 11-16 28-33 34-40 IDEGREES! ! 9.5 . 1 . 1 . 2 . 3 . 7 NNE • 2 . 3 •2 . 9 8.5 • 1 7.4 NE 2.7 3.1 1.4 8.0 ENE 4.3 32.7 E 11 - 8 8.0 8.0 . 7 6.5 1.1 3.2 SE 6.4 1.0 1.9 . 8 . 1 SSE . 7 • 3 . 2 5.3 . 1 S • 3 • 1 . 2 1.2 5.7 SSW . 1 . 1 7.0 SW • 2 4.5 3.0 . 1 . 3 4.5 . 1 . 1 • 3 . 4 6.8 NH • 2 . 3 . 1 5.0 NNW 5.9 VARIABLE CALM 100.0 TOTALS

AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: HONTHE APR HOURS(LST): 0600-0800 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION TOTAL 7-10 ME AN (DEGREES) MIND 7.8 1.0 . 1 NNE . 3 1.0 . 4 2.0 8.1 NE 1.9 3.1 1.1 7.5 6.5 ENE 7.9 . 1 16.4 32.4 E 10.1 20.7 10.0 42.2 ESE . 8 SΕ • 8 7.4 SSE . 2 5.4 • 2 s , 3 5.9 . 2 • 6 SSW . 1 8.0 S₩ 3,5 . 1 WSW . 1 7.0 4.6 • 2 WNW . 3 • 3 . 2 . 1 • 2 5.0 NNW . 1 100.0 20.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(LST): D900-1100 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| | 1 | | | | | ND SPEED | | | | | | | | |
|------------------------|---------------------------------------|-------------|----------|-----------------|---------|----------|---------------|-------------|---------------|---------------|---------------|------------|---------------|---------|
| DIRECTION (DEGREES) | 1 1-3 1 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 6E 56 | TOTAL 3 | ME AN WIND | |
| N | · · <i></i> | | .6 | .2 | •••••• | ••••• | | ••••• | | • • • • • • • | ••••• | 1.3 | 7.7 | . • • • |
| NNE | ! | .4 | .7 | •6 | | | | | | | | 1.7 | 9,5 | |
| NE | .1 | . 8 | 2.7 | 3.3 | | | | | | | | 6.9 | 10.2 | |
| ENE | .2 | 2 • 6 | 12.0 | 9.9 | | | | | | | | 24.7 | 9.8 | |
| E | .1 | 5•4 | 26.1 | 16.9 | 1 | | | | | | | 48.7 | 9.7 | |
| ESE | į | .9 | , 5.9 | 2.8 | | | | | | | | 9,6 | 9.2 | |
| SE | .2 | • 7 | 1.6 | -6 | | | | | | | | 3.0 | 8.0 | |
| SSE | į, | • 3 | .3 | •1 | | | | | | | | . 8 | 7.0 | |
| S | •1 | | •8 | -1 | | | | | | | | 1.0 | 7.9 | |
| SSW | -1 | -1 | - 1 | | | | | | | | | .3 | 5.7 | |
| SW | -1 | | -1 | | | | | | | | | .2 | 5.0 | |
| · WSW | | | -1 | | | | | | | | | • 1 | 8.0 | |
| u | -1 | •1 | -1 | | | | | | | | | . 3 | 6.0 | |
| WNW | | • 2 | •2 | | | | | | | | | . 4 | 7.3 | |
| NW | i | | • 1 | | | | | | | | | . 1 | 10.0 | ì |
| NNW | i i | | • 3 | •2 | | | | | | | | .6 | 11-4 | i |
| VAR JABLE | · · · · · · · · · · · · · · · · · · · | • • • • • • | ****** | * * * * * * * * | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | •••••• | • • • • • • • | ••••• | • • • • • • • | ••• |
| CALM | (1 <i>////////</i> | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | 19111111 | ,,,,,,, | ,,,,,,, | . 3 | 111111 | |
| TOTALS | 1.1 | 12 • 1 | 51.7 | 34 • 7 | •1 | | | | | | | 100.0 | 9.5 | |
| | • • • • • • • • • • | | | | | | | | | ••••• | | | • | أحد |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

| ••••• | | • • • • • • • | ••••• | • • • • • • • | | n coffn | IN KNOTS | | ••••• | ••••• | ••••• | •••• | | • • • • • • • • • • • • |
|---------------------|--|---------------|--------|---------------|---------------|---------|-----------------|---------------|-----------------|-----------------|-----------|---------|------------|-------------------------|
| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE | 56 | TOTAL 2 | ME AN WI ND |
| N | ! | . 2 | .8 | 4 | • • • • • • • | | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | • • • • • | •••• | 1.4 | 9.5 |
| NNE | į | . 3 | 1.0 | .9 | . 1 | | | | | | | | 2.3 | 10.0 |
| NE | .1 | . 9 | 3.8 | 2.6 | •1 | | | | | | | | 7.4 | 9.6 |
| ENE | •2 | 2 • 3 | 9.9 | 10.1 | | | | | | | | | 22.6 | 10.1 |
| E | .4 | 5 • 7 | 24.4 | 16.4 | •2 | | | | | | | | 47.2 | 9.7 |
| ESE | -1 | 1.3 | 7.7 | 2.7 | | | | | | | | | 11.8 | 9.1 |
| SE | į | . 3 | 2.3 | . 3 | | | | | | | | | 3.0 | 8,1 |
| SSE | į | • 3 | .4 | . 3 | | | | | | | | | 1.1 | 8.9 |
| s | •1 | • 2 | .3 | | | | | | | | | | .7 | 6.2 |
| SSW | | • 1 | .1 | | | | | | | | | | • 2 | 6.5 |
| SW | | • 3 | •2 | | | | | | | | | | .6 | 6,6 |
| WSW | | • 1 | • 1 | | | | | | | | | | . 2 | 6.5 |
| u | | | •1 | | | | | | | | | | •1 | 10.0 |
| WWW | -1 | | . 3 | | | | | | | | | | .4 | 8.3 |
| NW | | . 1 | | | | | | | | | | | •1 | 6.0 |
| NNU | | | .6 | •1 | | | | | | | | | . 7 | 9.3 |
| VARIABLE | , , • • • • • • • • • • • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • • | • • • • • • • | •••• | • • • • | | • • • • • • • • • • • |
| 1 | 1 | | | | | | | | | | | | .1 | ,,,,,, |
| | 1 | | | | | | | | | | | | | |
| TOTALS | 1.1 | 12 • 3 | 52 • 1 | 33.9 | .4 | | | | | | | | 100.0 | 9.6 |
| ********** | • • • • • • • • • • | | | | | | | | | • • • • • • • | | • • • • | | • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HONTH: APR HOURS (LST): 1500-1700 WIND SPEED IN KNOTS -16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL DIRECTION I ME AN 7-10 (DEGREES) 3 MIND . 4 5.8 NNE 1.0 11.1 . 9 - 1 NE 1.8 4.1 2.2 8.1 8.9 ENE 31.2 9.3 5.0 . 7 14.1 11.4 Ε . 9 9.9 42.2 6.8 24.7 ESE 5.0 1.7 8.2 8.5 SE . 1 . 9 . 1 2.2 SSE . 1 . 3 . 3 . 1 . 1 6.5 5 S W . 2 . 1 5.5 . 1 SW . 1 . 1 2.0 MSM u . 1 • 3 . 1 7.5 MNM . 1 . 2 • 2 9.2 NW NNW VARIABLE CALM .1 ///// TOTALS 100.0 8.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
HONTH: APR HOURS(LST): 1800-2000

| ••••• | • • • • • • • • • • • • • • • • • • • | • • • • • • | ••••• | • • • • • • • | | IN SPEEN | IN KNOTS | | ••••• | ••••• | | | ••••• |
|---------------------|---|-------------|----------|---------------|---------------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|-------|---------------------------|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | | 22-27 | | | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WINO |
| | | | ••••• | • • • • • • • | • • • • • • • | | • • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • • | | ••••• |
| N . | 3 | • 2 | | | | . 1 | | | | | | . 7 | 6.2 |
| NNE | • 1 | • 1 | •.7 | . 3 | • 2 | | | | | | | 1 - 4 | 10.5 |
| NE | .1 | 2.0 | 4.0 | 1.4 | | | | | | | | 7.6 | 8.2 |
| ENE | 1.9 | 9.0 | 17.8 | 7.3 | | | | | | | | 36.0 | 8.1 |
| £ | .6 | 11.2 | 23.1 | 6.1 | | | | | | | | 41.0 | 8.1 |
| ESE | l .4 l | 2 . 2 | 2.9 | .6 | | | | | | | | 6.1 | 7.1 |
| SE |] | . 9 | .6 | | | | | | | | | 1.4 | 6.7 |
| SSE | • 1 | • 8 | • 3 | | | | | | | | | 1.2 | 5.4 |
| S | • 1 | • 3 | . 3 | | | | | | | | | . 8 | 6.4 |
| SSW 1 | | | • 2 | | | | | | | | | • 2 | 7.5 |
| S W | | . 1 | | | | | | | | | | • 1 | 5.0 |
| wsw I | İ | • 1 | | | | | | | | | | • 1 | 5.0 |
| u | | • 1 | • 1 | | | | | | | | | • 2 | 7.5 |
| WNW | •1 | . 4 | • 1 | | | | | | | | | • 7 | 5.0 |
| NW | • 1 | . 4 | | | | | | | | | | .6 | 3,8 |
| NNW | • 3 | . 4 | • 2 | •2 | | | | | | | | 1.2 | 5.8 |
| VARIABLE 1 | · · · · · · · · · · · · · · · · · · · | •••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • • • • • • |
| CALM | /////////////////////////////////// | 1111111 | 11111111 | 1111111 | ,,,,,,, | /////// | ,,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | .7 | ///// |
| TOTALS | 4.2 | 28 . 4 | 50.3 | 16.0 | •2 | •1 | | | | | | 100.0 | 7.9 |
| | •••••• | • • • • • • | ••••• | • • • • • • • | | ••••• | • • • • • • • | | | • • • • • • • | • • • • • • • • | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| TION NUMBER | : 412180 | STATION | NAME: | ANDERSEN | APB GUA | П. | | | HONTH: | OF RECOR APR | | -87 ₁): 2100- | 2 300 |
|-------------|-----------------|---------------|---------------|-----------------|---------------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|------------------------------|-------------|
| | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | | D SPEED | IN KNOTS | ••••• | • • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • • • | • • • • • • |
| DIRECTION (| 1-3 | 4-6 | 7-10 | | 17-21 | 22-27 | 28-33 | 34-40 | | | | TOTAL | MI ND |
| N ! | .4 | ••••• | •••••• | .1 | | • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • | ••••• | •••••• | .7 | 6.7 |
| NNE | | | •8 | | | | | | | | | . 8 | 9.1 |
| NE | | 1.0 | 3.0 | .6 | | | | | | | | 4.6 | 8.1 |
| ENE ! | 1.1 | 9.9 | 18 - 2 | 6.2 | | | | | | | | 35.4 | 8.1 |
| Ε | .9 | 11.6 | 23.7 | 7.4 | . 1 | | | | | | | 43,7 | 8.1 |
| ESE | . 4 | 3.1 | 2.7 | 1.0 | | | | | | | | 7.2 | 7.1 |
| SE | . 4 | • 8 | • 8 | | | | | | | | | 2.0 | 6. |
| SSE | | | •2 | | | | | | | | | . 2 | ۴.(|
| s | •1 | • 2 | . 3 | | | | | | | | | .7 | 5.1 |
| SSW | •2 | . 1 | . 2 | | | | | | | | | .6 | 5.1 |
| su i | | | | | | | | | | | | | |
| wsw | | • 1 | •2 | | | | | | | | | . 3 | 7. |
| | . 2 | • 2 | | | | | | | | | | . 4 | 3.5 |
| WNW I | • 2 | | | | | | | | | | | • 2 | 2.9 |
| NW | • 2 | • 1 | • 1 | | | | | | | | | . 4 | 4. |
| NNW | •2 | .4 | .3 | | | | | | | | | 1.0 | 5,6 |
| VARIABLE ! | • • • • • • • • | ••••• | ••••• | • • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | •••••• | ••••• | •••••• | ••••• | • • • • • • |
| CALH | ,,,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 1.8 | 11111 |
| TOTALS | 4.6 | 27 • 6 | 50.6 | 15.3 | •2 | | | | | | | 100.0 | 7. |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| TION NUMBER | 912180 | STATION | NAME: | | | | | | MONTH: | OF RECOR APR | D: 78- Hours(Ls | | L |
|--------------------------|-------------------|---------|---------|-----------------|---------------|------------------|-------------------|---------------|-----------------|-----------------|--------------------|---|-------------|
| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | | WIN 17-21 | D SPEED 22-27 | IN KNOTS 28-33 | ; | | 48-55 | GE 56 | TOTAL | ME AN |
| N ! | • 1 | - 3 | . 3 | •2 | | .0 | • • • • • • • • | • • • • • • • | • • • • • • • • | •••••• | • • • • • • • • | 1.0 | 7,7 |
| KNE | •1 | • 2 | . 7 | .4 | •1 | .0 | | | | | | 1.5 | 9.7 |
| NE ! | •2 | 1.5 | 3.3 | 1.7 | •0 | | | | | | | 6.7 | 8,6 |
| ENE ! | 1.1 | 6 • 8 | 15.2 | 7.8 | ٠0 | | | | | | | 30.9 | 8.6 |
| Ε | 1.0 | 9.4 | 23.2 | 10.4 | •1 | | | | | | | 44.1 | 8,6 |
| ESE ! | .5 | 2 • 2 | 4.4 | 1.4 | | | | | | | | 8.4 | γ,9 |
| SE ! | • 1 | • 8 | 1.1 | •2 | | | | | | | | 2.1 | 7.2 |
| SSE | •1 | . 3 | . 3 | •1 | | | | | | | | . 8 | 7.0 |
| s ! | • 2 | •2 | .3 | •0 | | | | | | | | . 8 | 6.2 |
| 55W | .1 | • 1 | -1 | | | | | | | | | . 3 | 6. |
| SW | •1 | . 1 | •0 | | | | | | | | | • 2 | 4,8 |
| wsw ! | •0 | .0 | . 1 | | | | | | | | | • 2 | 5.8 |
| | .1 | . 2 | .1 | •0 | | | | | | | | . 4 | 5,5 |
| ANA | • 1 | .1 | • 2 | •0 | | | | | | | | . 5 | 6.4 |
| NW ! | -1 | • 2 | .1 | | | | | | | | | .4 | 5.2 |
| NNW I | •2 | • 2 | . 3 | •1 | | | | | | | | . 8 | 6.9 |
| VARIABLE ! | • • • • • • • • • | ••••• | ••••• | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | | | • • • • • • • | ****** | • | • • • • • • |
| CALH | ,,,,,,,,, | ,,,,,,, | 1111111 | ,,,,,,,, | ,,,,,,,, | ,,,,,, | ,,,,,,,, | (111111 | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 1.0 | 111111 |
| TOTALS | 3.9 | 22.7 | 49.8 | 22 • 3 | • 2 | •0 | | | | | | 100.0 | 8.3 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 Honth: May Hours(Lst): 0000-0200

| | ! | | | | | | IN KNOT | | • • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • • • |
|------------------------|-----------------------------|---------------|----------|-----------------|---------------|---------|-----------|-----------------|-----------------|---------------|---------------|-------|---------------------|
| DIRECTION (DEGREES) | | 4~6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN |
| N | .2 | • • • • • • | ••••• | • • • • • • • • | • • • • • • • | • | ••••• | • • • • • • • • | ••••• | | ••••• | . 2 | 1,5 |
| NNE | .3 | • 2 | •1 | | | | | | | | | • 6 | 3,3 |
| NE | .2 | • 6 | 1.5 | .4 | | | | | | | | 3.1 | 8.1 |
| ENE | 2,9 | 5 • 4 | 9.9 | 1.6 | | | | | | | | 19.8 | 6.8 |
| Ε | 4.0 | 13.8 | 22.9 | 4 - 8 | | | | | | | | 45.5 | 7.4 |
| ESE | 1.6 | 5.3 | 6.0 | 1.1 | | | | | | | | 14.0 | 6.7 |
| SE | .5 | 1.8 | 1.3 | . 8 | | | | | | | | 4.4 | 7.1 |
| SSE | | • 8 | • 8 | •1 | | | | | | | | 2.0 | 6.0 |
| S | .3 | • 2 | • 1 | | | | | | | | | .6 | 4.5 |
| SSW | .1 | • 2 | | | | | | | | | | .3 | 3.7 |
| SW | .3 | | | | | | | | | | | . 3 | 1.7 |
| WSW | .1 | . 3 | | | | | | | | | | . 4 | 4.3 |
| u | .1 | | | | | | | | | | | •1 | 1.0 |
| WNW | .1 | | | | | | | | | | | . 1 | 1-0 |
| NW | .1 | • 1 | | | | | | | | | | • 2 | 3.0 |
| NNW | .2 | •1 | | | | | | | | | | . 3 | 3.0 |
| VARIABLE | | • • • • • • • | ••••• | | • • • • • • | ••••• | ••••• | • • • • • • • • | • • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • • • • |
| CALH | i 1 <i>.,,,,,,</i> ,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,,, | ,,,,,,, | ,,,,,,,, | | ,,,,,,, | 7.8 | ///// |
| TOTALS | 1 11.6 | 28.8 | 42.9 | 8 . 8 | | | | | | | | 100.0 | 6,4 |
| ! | 1 | | | | | | | | | | | | - |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

AFB GUAM PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN DIRECTION 11-16 (DEGREES) | MIND 1.8 NNE . 1 1.1 4.4 NE . 4 2.3 1.3 4.6 • 6 7.5 ENE 4.9 9.1 1.7 17.2 7.3 ٤ 4,8 13.5 22.6 4.2 45.2 ESE 1.8 6.0 3.7 1.1 12.6 6.4 SE , 9 2.2 2.3 - 1 6.2 SSE 1.0 • 5 • 1 . 1 6.6 S • 3 • 1 3.5 SSW .6 4.0 SW • 2 3.1 . 2 . 2 4.0 HNW . 1 7.0 NV . 1 4.2 NNW 2.0

CALM 8.3 ///// TOTALS 100.0

TOTAL NUMBER OF OBSERVATIONS:

VARIABLE

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

| ATION NUMBER | : 912180 | STATION | | _ | | | | | HONTHE | | HOURS (LS | -87 : 0600- | 0800 |
|--------------|----------|---------|---------|-------------------|---------------|---------|----------|---------------|-----------------|----------|-----------|------------------|---------------|
| | ••••• | ••••• | ••••• | • • • • • • • • • | | O SPEED | IN KNOTS | • • • • • • | • • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • |
| DIRECTION I | 1-3 | 4-6 | 7-10 | | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | | GE 56 | TOTAL \$ | ME AN |
| N] | .2 | ••••• | ••••• | • • • • • • • • | • • • • • • • | | ••••• | • • • • • • • | •••••• | •••••• | •••••• | .2 | 5.0 |
| NNE | .3 | • 1 | | | | | | | | | | .4 | 2,8 |
| NE j | .5 | •,6 | 2.9 | 1.0 | | | | | | | | 5 • 1 | 8.2 |
| ENE ! | 1 • 2 | 4 - 2 | 10.4 | 3.9 | | | | | | | | 19.7 | 8.2 |
| ε | 3.7 | 11 - 8 | 24 • 1 | 5.6 | | | | | | | | 45.2 | 7.6 |
| ESE | 1.0 | 4 • 3 | 6 - 3 | 1.3 | | | | | | | | 12.9 | 7.1 |
| SE į | .4 | 1.1 | 3.1 | .4 | •1 | | | | | | | 5.2 | 7.6 |
| SSE | .6 | • 5 | • 6 | . 1 | | | | | | | | 1.9 | 6.1 |
| s i | . 3 | 1 - 1 | •6 | | | | | | | | | 2.0 | 5.7 |
| SSW | .9 | • 2 | | | | | | | | | | 1.1 | 2.5 |
| sw i | • 2 | | | | | | | | | | | .2 | 2.5 |
| WSW | | • 2 | | | | | | | | • | | • 2 | 5.5 |
| u į | | | | | | | | | | | | | |
| WNW ! | • 1 | | •2 | | | | | | | | | . 3 | 6.0 |
| NW | .1 | • 1 | | | | | | | | | | . 2 | 3.5 |
| NNW I | • 2 | • 1 | | | | | | | | | | • 3 | 2.7 |
| VARIABLE 1 | •••••• | ••••• | ****** | • • • • • • • • | • • • • • • | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• |
| CALH | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | 111111 | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,,, | 5.1 | 111111 |
| TOTALS 1 | 9,8 | 24.4 | 48.4 | 12.3 | .1 | | | | | | | 100.0 | 7.1 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| IION NUMBER | : 912180 | STATION | NAME: | ANDERSEN | AFB GUA | H | | | PERIOD MONTH: | OF RECOR | | -87 T): 0900- | 1100 |
|--------------------------|-----------------|---------|---------------|-----------------|-----------------|---------|-------------------|---------------|------------------|----------|-----------|------------------|-------------|
| DIRECTION IDEGREES) | 1-3 | 4-6 | 7-10 | | | D SPEED | IN KNOTS 28-33 | | | 48~55 | GE 56 | TOTAL | ME AN |
| N [| . 2 | | ••••• | • • • • • • • • | • • • • • • • • | •••• | • • • • • • • | • • • • • • • | ••••• | ••••• | •••••• | .6 | 4.2 |
| NNE | | • 8 | 1. | | | | | | | | | .9 | 5.5 |
| NE | • 2 | • 5 | 1.7 | 1.6 | | | | | | | | 4.1 | 9.4 |
| ENE | • 2 | 1.5 | 7.0 | 6.0 | | | | | | | | 14.7 | 9.7 |
| E | 1.7 | 4 - 1 | 25.7 | 14.0 | •2 | | | | | | | 45.7 | 9.4 |
| ESE | 1 - 3 | 3 • 1 | 12.5 | 3.0 | • 1 | | | | | | | 20.0 | 8.4 |
| SE | . 3 | 1.5 | 3.8 | 1.3 | -1 | | | | | | | 7.0 | 8.2 |
| SSE | • 2 | 1 - 1 | 1.3 | . • | -1 | | | | | | | 3.1 | 7.6 |
| s | | . 4 | .8 | . 4 | | | | | | | | 1.6 | 8.9 |
| SSW | •2 | . 3 | .1 | | | | | | | | | .6 | 4.8 |
| SW | . 1 | - 1 | | | | | | | | | | . 2 | 3.5 |
| wsw | . 1 | • 1 | | | | | | | | | | . 2 | 3.0 |
| | | | | | | | | | | | | | |
| עאע | | | • 1 | | | | | | | | | •1 | 8,0 |
| NW . | | .3 | | - | | | | | | | | . 3 | 5.1 |
| NNN ! | | • 1 | .1 | | | | | | | | | • 2 | 8.0 |
| VARIABLE 1 | • • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | • • • • • • • | | ****** | •••••• | ••••• | • • • • • • |
| CALM ! | ,,,,,,,,, | ,,,,,,, | 1. 11111 | ,,,,,,,, | /////// | ////// | ,,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,,, | . 5 | ///// |
| TOTALS | 4.6 | 14 - 9 | 53.1 | 26.8 | .5 | | | | | | | 100.0 | 8.9 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: MONTH: MAY HOURS(LST): 1200-1400 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-DIRECTION | (DEGREES) | GE 56 TOTAL ME AN 7-10 48-55 34-40 WIND N 4.2 . 5 1.0 . 3 . ì . 8 NNE 5.0 . 1 • 3 • 2 - 1 NE . 3 2.6 9.6 1.1 1.1 • 1 ENE . 6 , 9 7.3 4.9 13.8 9.6 ε 9.5 4.3 24.1 44.1 ESE . 9 22.6 8.7 2.8 8.3 8.7 5.4 1.5 • 3 3.2 7.4 • 5 2.0 • 3 5 • 5 . 2 . 4 . 1 1.0 6.7 . 3 7.5 SSW . 1 . 1 .6 . 1 SW MSW • 1 2.0 . 3 5.3 . 1 6.0 . 1 7.4 HNW 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| | | | | | | ••• | | | MONTHE | MAY | HOURS (LS | 1): 1500- | 1 700 |
|------------------------|-----------------------|-------|-----------------|-----------------|-------|----------|---------|-------------------|-----------------|-----------------|-----------|-------------------|---|
| ************ | | ••••• | • • • • • • • | • • • • • • • • | | un ceffn | IN KNOT | | • • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • • | • • • • • • • • • • • • • |
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | | | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N | 1 .4 | . 8 | • • • • • • • • | | ••••• | | ••••• | • • • • • • • • • | ••••• | ••••• | •••••• | 1.2 | 3.6 |
| NNE | .2 | . 1 | | | | | | | | | | . 3 | 3.7 |
| ME | .9 | . 9 | 1.7 | .6 | | | | | | | | 4.1 | 7.2 |
| ENE | .3 | 1.6 | 10.0 | 3.5 | | | | | | | | 15.5 | 8.8 |
| E | 1.6 | 6 • 3 | 25.7 | 9.7 | | | | | | | | 43.3 | 8.7 |
| ESE | 1.0 | 4 • 2 | 14.2 | 1.9 | | | | | | | | 21.3 | 7.8 |
| SE | 1.0 | 1.9 | 2.8 | 1.8 | -1 | | | | | | | 7.6 | 7.7 |
| 325 | .3 | . 9 | 1.0 | .5 | | | | | | | | 2.7 | 6.9 |
| s | •2 | . 4 | •6 | | | | | | | | | 1.3 | 6.4 |
| SSW | Ì | • 2 | •2 | | | | | | | | | . • | 6.3 |
| 2 M | į | | | | | | | | | | | | |
| AZA | .1 | | | | | | | | | | | • 1 | 2.0 |
| u | į | . 1 | | | | | | | | | | •1 | 4.0 |
| MNW | į | | | | | | | | | | | | |
| NU | | | | | | | | | | | | | |
| NNW | į | • 6 | -1 | | | | | | | | | . 8 | 6.0 |
| VARIABLE | : · · · · · · · · · · | ••••• | • • • • • • • • | • • • • • • • | | | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • • | • |
| | | | | | | | | | | | | , , | 111111 |
| | 1 | | ,,,,,,,,, | ,,,,,,,,, | | ,,,,,,,, | | ,,,,,,, | | ,,,,,,,, | ,,,,,,,, | | |
| TOTALS | 6.0 | 18.1 | 56 • 3 | 18.2 | •1 | | | | | | | 100.0 | 8.1 |
| | | | - | . | | - | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS: 930

*

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | 912180 | STATION | NAME: | ANDERSEN | AFB GUA | M | | | PERIGO Month: | OF RECOR | D: 78- HOURS(LS | | 2000 |
|----------------------------|----------|---------|---------|-------------------|-----------------|---------|----------|---------------|-------------------|----------|--------------------|--------|---------------------|
| | •••••• | ••••• | ••••• | • • • • • • • • • | u T w | | IN KNOT | | • • • • • • • • | ••••• | ******* | ••••• | • • • • • • • • • • |
| DIRECTION I (DEGREES) (| 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN |
| N | 1.2 | . 1 | ****** | •••••• | • • • • • • • • | ••••• | •••••• | • • • • • • • | • • • • • • • • | ••••• | ****** | 1.3 | 2.1 |
| NNE | .5 | - 1 | | | | | | | | | | .6 | 2.2 |
| NE | 1.0 | 1 - 8 | 1.2 | . 4 | | | | | | | | 4.4 | 6.1 |
| ENE I | 1.4 | 4.4 | 9.6 | 1.9 | | | | | | | | 17.3 | 7,5 |
| E į | 1.5 | 14 - 1 | 26 • 3 | 7.0 | | | | | | | | 48.9 | 7.9 |
| ESE | 2.3 | 4 - 6 | 5 • 1 | .4 | | | | | | | | 12.4 | 6.1 |
| 3.5 | .6 | 1.9 | 2 • 2 | •6 | | | | | | | | 5.4 | 6.9 |
| SSE | • 3 | • 6 | 1.0 | •5 | | | | | | | | 2.5 | 7.8 |
| s | .4 | - 8 | •1 | | | | | | | | | 1.3 | 4 • 2 |
| ssw | .4 | | | | | | | | | | | . 4 | 2.3 |
| S M | | | | | | | | | | | | | |
| usu | | | | | | | | | | | | | |
| u i | | • 2 | | | | | | | | | | .2 | 5,5 |
| WNW | | - 1 | | | | | | | | | | • 1 | 5.0 |
| NW | •1 | | | | | | | | | | | .1 | 5.0 |
| NNW | . 1 | . 1 | • 1 | | | | | | | | | . 3 | 4.7 |
| VARIABLE) | ••••• | ••••• | ••••• | • • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • • • | ••••• | | •••••• | • • • • • • • • • • |
| CALM | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | /////// | ,,,,,,,, | 4.7 | 111111 |
| TOTALS | 9.9 | 28.9 | 45.5 | 11.0 | | | | | | | | 100.0 | 6.9 |
| , | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

MONTH: MAY HOURS(LST): 2100-2300 WIND SPEED IN KNOTS 17-21 22-27 28-33 ME AN DIRECTION 34-40 GE 56 TOTAL IDEGREESI WIND 2.3 . 3 • 1 3.2 NNE • 6 ,4 • 2 4.0 5.2 NE • 2 1.5 1.1 1.2 7.0 19.9 ENE 5 • 5 10.3 1.7 E 49.5 7.6 27.8 . 1 ESE 10.3 6.3 SE . z 7.6 2.0 SSE 2.7 6.8 1.0 .4 5.2 s . 3 • 3 •2 . 1 1.0 . 5 2.6 SSW • 1 SW . 3 3.7 WSW • 2 6.0 NW NNW 1.0 . 3 100.0 6.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| TION NUMBER | 912180 | STATION | NAME: | ANDERSEN | AFB GUA | М | | | PERIOD Month: | OF RECOR | D: 78- HOURS(LS | | L |
|--------------------------|-----------|---------------|--------|-----------------|---------------|---------|-------------------|---------------|------------------|----------|--------------------|-------------------|-------------|
| DIRECTION IDEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | ⊎IN 17-21 | | IN KNOTS 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL 2 | ME AN |
| N į | .4 | . 2 | ٥. | • • • • • • • • | • • • • • • • | ***** | • • • • • • • | • • • • • • • | | ••••• | ••••• | .7 | 3,0 |
| NNE | • 3 | . 2 | •1 | •0 | | | | | | | | .7 | 3.9 |
| NE | .6 | . 9 | 1.7 | .8 | | | | | | | | 4.0 | 7.6 |
| ENE | 1+3 | 3 • 5 | 9.2 | 3.2 | | | | | | | | 17.2 | 8.0 |
| Ε | 2.7 | 10.1 | 24.9 | 8 • 2 | •0 | | | | | | | 45.9 | 8.1 |
| ESE | 1.4 | 4 • 3 | 8.3 | 1.8 | •0 | | | | | | | 15.8 | 7.4 |
| SE | .6 | 1.7 | 2 . 8 | .9 | .1 | | | | | | | 6.0 | 7.6 |
| SSE | .4 | • 8 | 1.0 | . 3 | .0 | | | | | | | 2.5 | 7.0 |
| s | .3 | .4 | . 4 | .1 | | | | | | | | 1.2 | 6.0 |
| ssu | .3 | . 2 | •1 | .0 | | | | | | | | • 6 | 4.1 |
| Sw i | • 2 | • 0 | | | | | | | | | | • 2 | 2.8 |
| พรม | • 1 | . 1 | | | | | | | | | | •2 | 3.8 |
| wj | •0 | . 1 | •0 | | | | | | | | | . 1 | 4.8 |
| UNU | •0 | •0 | •1 | | | | | | | | | • 1 | 5.6 |
| NW I | •1 | •1 | -0 | | | | | | | | | • 2 | 4 . 2 |
| NNW | •1 | • 2 | •1 | | | | | | | | | .4 | 5.2 |
| VARIABLE | * | • • • • • • • | ••••• | • • • • • • • • | | ••••• | ••••• | • • • • • • • | ••••• | •••••• | ••••• | • • • • • • • • • | • • • • • • |
| CALM | ,,,,,,,,, | ,,,,,,, | ////// | ,,,,,,,, | ,,,,,,, | 1111111 | ,,,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 4.3 | 111111 |
| TOTALS | 8,8 | 22.9 | 48.7 | 15.2 | •2 | | | | | | | 100.0 | 7.4 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

FERTUR UF RECORD: 78-87

MONTH: JUN HOURS(LST): 0000-0200

WIND SPEED IN KNOTS
11-16 17-21 22-27 28-33 34-40 41-47 48-55 &F 56 Total STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM DIRECTION (DEGREES) 1 N NNE ΝE • Z • 3 . 7 4.2 ENE 5 • 1 6.2 . 3 12.9 1.2 6.4 Ε 3.0 2.3 15 . 7 24.0 45.0 7.0 ESE 2.4 5.9 10.1 1.1 19.6 6.7 SE 1 . 8 1.2 1.9 . 3 5.2 6.2 SSE . 8 2.0 . 9 . 2 4.3 7.1 s . 8 . 9 2.7 6.3 SSW 1.3 • 2 1.8 2.6 SW . 4 • 1 . 6 3.0 WSW . 2 • 2 1.5 WNW . 1 . 1 1.0 NW NNU VARIABLE CALM 7.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | 912180 | STATION | NAME: | | | | | | | PERIOD MONTH: | | D: 78- HOURS(LS) | | 0500 |
|----------------|-----------|----------|--------|----------|--------|---------------|------------|----------|--------|---------------|---------|---------------------|------------|---|
| DIRECTION (| | 4-6 | 7-10 | | 17-21 | IND SF 22. | EED -27 | | 34-40 | 41-47 | | GE 56 | TOTAL % | ME AN |
| N | | ••••• | ••••• | ••••• | ••••• | • • • • • | | | | ••••• | | •••••• | | • |
| NNE | | • 2 | | | | | | | | | | | • 2 | 4.0 |
| NE | .7 | • 2 | . 3 | | | | | | | | | | 1.2 | 4.1 |
| ENE | 2.3 | 5 • 1 | 7.1 | 1.0 | | | | | | | | | 15.6 | 6.5 |
| ε | 3.6 | 14 - 8 | 19.3 | 3.0 | | | | | | | | | 40.7 | 6.9 |
| ESE | 3.0 | 7 • 6 | 7.2 | 1.1 | | | | | | | | | 18.9 | 6.2 |
| SE | 1.8 | 1.9 | 2.8 | .7 | | | | | | | | | 7.1 | 6.4 |
| SSE | .7 | 1.7 | . 8 | •1 | | | | | | | | | 3.2 | 5.1 |
| s | .6 | 4.8 | .6 | | • | 1 | . 2 | | | | | | 2.2 | 7.2 |
| SSW | ,7 | • 6 | .1 | | | | | | | | | | 1.3 | 3,6 |
| SW | .7 | | .2 | | | | | | | | | | . 9 | 3,6 |
| wsw | -1 | | | | | | | | | | | | . 1 | 2.0 |
| W | | | | | | | | | | | | | | |
| WNW | •2 | | | | | | | | | | | | • 2 | 1.0 |
| NU | •1 | | | | | | | | | | | | . 1 | 1.0 |
| NNW | | | | | | | | | | | | | | , |
| VARIABLE | ******* | | ••••• | •••••• | | • • • • • | • • • • • | | ••••• | ••••• | ••••• | ••••• | •••••• | • • • • • • • • • • |
| CALH | ,,,,,,,,, | ,,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,, | //// | ,,,, | ,,,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | 8.2 | 111111 |
| TOTALS | 14.3 | 32 • 8 | 38.4 | 5.9 | • | 1 | .2 | | | | | • | 100.0 | 5.9 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| ION NUMBER | : 912180 | STATION | I NAME: | | | | | | PERIOD : | JUN | HOURS(LS | | 0600 |
|--------------------------|---------------------|---------------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|----------|-----------------|-----------------|-------------------|-------------|
| 1 | • • • • • • • • • • | • • • • • • • | • • • • • • • | | wl | ND SPEED | IN KNOT | S | | • • • • • • • | | • • • • • • • • • | • • • • • • |
| IRECTION 1 DEGREES) 1 | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | M I ND |
| N j | ,1 | . 1 | | • • • • • • • • | | • • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • • | • • • • • • • • | .2 | 3,5 |
| NNE | • 1 | . 3 | | | | | | | | | | . 4 | 4 • 3 |
| NE | • 2 | 1 • 2 | .7 | | | | | | | | | 2.1 | 5.5 |
| ENE | .7 | 3 • 6 | 8 • 0 | . 9 | | | | | | | | 13.1 | 7.4 |
| E | 3.1 | 13.3 | 25.7 | 4.6 | | | | | | | | 46.7 | 7.9 |
| ESE | 1.7 | 5 • 6 | 9.4 | 1.4 | | | | | | | | 18.1 | 7.0 |
| SE | .9 | 2 • 1 | 2.0 | •6 | | | | | | | | 5.6 | 6.5 |
| SSE | • 3 | 1 • 1 | 1.8 | •6 | | | | | | | | 3.8 | 7. |
| 5 | .9 | . 4 | -8 | | • 2 | - 1 | | | | | | 2.4 | 7. |
| SSW ! | .8 | • 3 | • 2 | | | | | | | | | 1.3 | 3.9 |
| SW ! | .6 | | | | | | | | | | | . 6 | 2. |
| WSW | •1 | | • 1 | • 1 | | | | | | | | . 3 | ė. |
| ы } | •1 | | | | • | | | | | | | . 1 | 3.0 |
| שמע | • 1 | | | | | | | | | | | . 1 | 1.1 |
| NW I | | | | | | | | | | | | | |
| NNW | • 2 | • 1 | | | | | | | | | | • 3 | 3 • (|
| VARIABLE ! | • • • • • • • • | • • • • • • • | • • • • • • • | | • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • • | •••••• | • • • • • • • | ******* | • • • • • • • • | ••••• |
| CALM . | //////// | ,,,,,,, | .,,,,,,, | (1111111) | 1111111 | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | /////// | 4.8 | 11111 |
| TOTALS | 9.9 | 28.2 | 48.7 | 8.1 | • 2 | . 1 | | | | | | 100.0 | 6.8 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | | | | | | | | | MONTH: | | HOURSILS | | |
|---|-----------|-------------------|---------------|---|---------------|---------|----------|---------------|---------|---------|----------|-------------------|-----------------|
| | | • • • • • • • • • | ••••• | •••••• | uI. | D SPEED | IN KNOT | | | ••••• | ****** | • • • • • • • • • | |
| DIRECTION (OEGREES) (| | 4-6 | 7-10 | | | - | 28-33 | | | | GE 56 | TOTAL | ME AN WIND |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | •••••• | .1 | .1 | ••••• | • • • • • • | ••••• | | • • • • • • • | | •••••• | | . 2 | 7.0 |
| NNE | .3 | . 4 | . 1 | | | | | | | | | . 9 | 4.0 |
| NE | | . 3 | . 4 | | | | | | | | | . 8 | 6.6 |
| ENE | • 2 | 1 - 3 | 4.0 | 2.3 | | | | | | | | 7.9 | 8.9 |
| E i | .7 | 4 • 6 | 30.9 | 11.4 | | | | | | | | 47.6 | 9.1 |
| ESE | 1 - 1 | 4 • 6 | 12.3 | 4.8 | . 1 | | | | | | | 22.1 | 8.4 |
| SE | • 2 | 2 • 4 | 5 . 6 | 2.2 | .1 | | | | | | | 10.6 | 8.5 |
| SSE | • 1 | 1 + 3 | 1.2 | 1.0 | | | | | | | | 3.7 | 7.8 |
| s | .6 | 1 - 1 | 1.1 | . 3 | .1 | • 1 | | | | | | 3.3 | 7.2 |
| SSW 1 | . 3 | • 1 | • 2 | •2 | | | | | | | | .9 | 7.3 |
| SW I | | . 3 | • 2 | .1 | | | | | | | | .1 | 7.2 |
| WSW | • 1 | - 1 | | . 1 | | | | | | | | • 3 | 5.7 |
| u į | | | | | | | | | | | | | |
| WNW | •1 | | | | | | | | | | | • 1 | 2.0 |
| NW (| • 1 | | | | | | | | | | | • 1 | 3.0 |
| NNW 1 | | • 1 | | | | | | | | | | . 1 | 4.0 |
| VARTABLE | | ••••• | ••••• | • • • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | •••••• | | •••••• | •••••• | • • • • • • • • |
| CALM) | ,,,,,,,,, | ,,,,,,, | ,,,,,, | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ////// | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | /////// | ,,,,,,,, | . 8 | 111111 |
| TOTALS | 3,9 | 16.9 | 56 • <i>2</i> | 21.8 | • 3 | - 1 | | | | | | 100.0 | 8,6 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87
HONTH: JUN HOURS (LST): 1200-1400

| | | | | . . | | | | | MON!H: | אטע | HOURSILS | 11: 1200- | 1400 |
|------------------------|---|---------------|--------|--------------------|---------|-------------------|-------------------|---------------|-----------------|---------|-----------|------------|-----------------------|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | ND SPEED 22-27 | IN KNOTS 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL 2 | ME AN WIND |
| ĸ | ! | ****** | | • • • • • • • | | | • • • • • • • • | • • • • • • • | • • • • • • • • | | | | • • • • • • • • • • • |
| NNE | .1 | • 3 | | | | | | | | | | . 4 | 4.5 |
| NE | ! | . 2 | •1 | .1 | | | | | | | | . 4 | 6.8 |
| ENE | .6 | 1 • 2 | 3.0 | 1.7 | | | | | | | | 6.4 | 8.4 |
| E | .3 | 5 • 3 | 27.6 | 12.4 | | | | | | | | 45.7 | 9,3 |
| ESE | .9 | 3.1 | 13.8 | 4.9 | • 2 | | | | | | | 22.9 | 8,6 |
| SE | .3 | 2 • 8 | 7.4 | 2.3 | | -1 | | | | | | 13.0 | 8.5 |
| SSE | .4 | • 8 | 2.7 | 1.6 | | | | | | | | 5.4 | 8.4 |
| s | .3 | 1.1 | 2 • 4 | . 3 | | | | | | | | 4.2 | 7.1 |
| SSW | ! | • 6 | • 2 | | .1 | •2 | | | | | | 1.1 | 10.9 |
| SW | ! | | | | | | | | | | | | |
| usu | 1 | | | | | | | | | | | | |
| ¥ | ! | | | | | | | | | | | | |
| unu | ! | | | | | | | | | | | | |
| NU | ! | • 2 | | | | | | | | | | • 2 | 4,5 |
| NNW | ! ! | | | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | ••••• | |
| VARIABLE | ł | | | | | | | | | | | | |
| | 1///////// | ,,,,,,, | '''''' | | 1111111 | 11111111 | ,,,,,,,,, | ((((()))) | ,,,,,,, | ,,,,,,, | ,,,,,,,,, | •1 | 111111 |
| TOTALS | 3.0 | 15 • 7 | 57.2 | 23.3 | • 3 | • 3 | | | | | | 100.0 | 8.9 |
| | • | • • • • • • • | ••••• | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: JUN HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 3 DIRECTION 28-33 34-40 TOTAL ME AN MIND (DEGREES) 1 1 2.0 NNE . 3 • 2 3.3 NE • 2 1.1 4.1 ENE .6 8.2 ε 2.1 8.1 27.7 8.4 46.3 8.4 ESE . 1 22.8 7.7 1.2 5 . 3 14.0 SE . 7 10.2 3.3 4.2 2.0 7.8 SSE 1.3 1.9 . 9 4.2 . i 8.4 S . 3 . 3 4.0 SSW 9.7 SW MSH - 1 . 3 3.3 • 2 .2 . 3 . 6 4.6 WNW • 2 3.7 . 1 NW NNW VARIABLE CALH TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| TATION NUMBER | : 912180 | STATION | | | | | | | HONTH: | | HOURSILS | T1: 1800- | |
|---|-----------|---------------|--------|-----------------|-------------|----------|---------------|---------------|-----------------|---------|----------|-----------------|---|
| | | | | | uI1 | ID SPEED | IN KNUTS | \$ | | | | | • • • • • • • • • • |
| DIRECTION (DEGR _{EES}) (| | 4-6 | 7-10 | | 17-21 | - | • • • | | 41-47 | | GE 56 | TOTAL | ME AN |
| N | - 1 | • 1 | ••••• | •••••• | • • • • • • | ••••• | ••••• | | •••••• | •••••• | | .2 | 3,5 |
| NNE I | • 3 | •1 | | | | | | | | | | . 4 | 2.8 |
| NE | .4 | • 8 | • 2 | • 1 | | | | | | | | 1.6 | 4.9 |
| ENE I | 1.6 | 3.9 | 4.2 | . 9 | | | | | | | | 18.6 | 6.4 |
| E į | 2 • 1 | 15 • 3 | 24.6 | 4 • 3 | | | | | | | | 46.3 | 7.3 |
| ESE ! | 2.1 | 7 • 8 | 9.6 | 1.8 | | | | | | | | 21.2 | 6.9 |
| SE I | 1.1 | 3 • 2 | 2.9 | 1.0 | | | | | | | | 8.2 | 6.6 |
| SSE I | 1.0 | 2.0 | 1.4 | • 7 | | | | | | | | 5.1 | 6.0 |
| s i | .7 | 1 - 1 | . 4 | •2 | | | | | | | | 2.4 | 5.5 |
| SSW I | • 2 | • 1 | •1 | •1 | •1 | | | | | | | . 7 | 8.8 |
| Su 1 | • 2 | | | | | | | | | | | • 2 | 2 • 0 |
| WSW I | •2 | - 1 | | | | | | | | | | . 3 | 2.7 |
| u į | • t | | | | | | | | | | | . 1 | 3.0 |
| WNW | • 2 | | | | | | | | | | | • 2 | 1.5 |
| NW I | | | | | | | | | | | | | |
| NNW j | •1 | | | | | | | | | | | •1 | 1 • D |
| VARIABLE ! | ••••• | • • • • • • • | ••••• | • • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | ••••• | • • • • • • • • | • |
| CALH | ,,,,,,,,, | ,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,,, | 1111111 | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | 2.2 | 111111 |
| TOTALS | 10.6 | 34 • 6 | 43.4 | 9.1 | .1 | | | | | | | 100.0 | 6,7 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUN HOURS (LST): 2100-2300 WIND SPEED IN KNOTS DIRECTION 1 7-10 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL ME AN MIND . 2 NNE NE . 7 . 3 • 3 1.3 4.5 ENE .6 4 . 3 6.8 12.2 6.9 £ 14.1 24 . D 2.3 42.8 7.1 ESE 2.3 22.9 7.0 SE 3.1 2.3 1.0 . 2 7.2 7.4 1.1 .7 •2 . 1 2.9 6.2 s . 6 1.2 . 4 . 1 2.3 5.3 SSW . 3 . 1 1 . 3 1.8 3.0 SW . 2 . 2 6.8 WSW • 2 . 1 . 3 2.7 . 1 1.0 HNU NU VARIABLE ! CALM 100.0 6.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: JUN HOURS (LST): WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 TOTAL ME AN DIRECTION 41-47 48-55 GE 56 WIND IDEGREES! |N 3,6 . 0 •0 . 1 . 1 . 3 3.8 NNE . 1 • 2 •0 1.2 NE • 5 . 3 .0 5.0 • 3 5 . 5 10.8 7.2 3.2 1.0 £ 25.5 45.1 7.9 2.2 11.4 6.1 7.4 ESE 1.7 6.0 10.9 2.3 . 1 3 . 6 .0 .0 8.4 7.5 SE 1.3 . 8 2.6 7.1 SSE 4.1 . 5 1.4 . 7 .0 1.4 3.0 6.6 S 1.0 • Z . 1 . I 1.3 SSW .6 1. . i .0 5.6 .0 4.3 • 3 • 0 .0 4.0 WSW . t . 2 3.8 . 0 . 1 2.0 UNU . 0 . 1 . 1 3.3 NU . 0 • 0 . 1 2.7 VARIABLE 3.7 ///// CALM 100.0 7.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC
STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECURD: 78-87 JUL :HTMOM HOURS(LST): 0000-0200 WIND SPEED IN KNOTS DIRECTION 11-16 17-21 22-27 28-33 34-40 7-10 41-47 48-55 GE 56 TOTAL (DEGREES) 1 . MIND 4.8 . 1 . 5 • 2 . 1 1.0 NNE 1 - 1 . 1 1.2 2.5 NE 1.3 1.2 1.4 3.9 5.1 ENE 3.0 . 1 10.9 4.8 ε 21.8 6.0 ESE 5 • 1 12.5 6.1 SΕ 1.4 2.0 1.9 6.2 6.3 , 9 . 8 3.4 7,6 . 6 1.0 . 8 . 8 . 1 3.2 7.4 SSW 2.2 1.2 _ 1 . 1 4,7 2.5 1.7 . 3 1.0 . 4 . 2 . 8 5.3 4.3 . 5 2.0 a 1 - 1 6.7 VARIABLE CALM 18.4 ///// TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0300-0500 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| | | | | | | | | | | JUL | | , 0-00 | |
|---------------------|---|---------------|-----------------|-------------|-------------|---------------|---|---------------|-----------------|-----------------|---------------|--------|-----------------------|
| ••••• | | • • • • • • • | • • • • • • • • | | | | IN KNOTS | • • • • • • • | • • • • • • • • | • • • • • • • • | •••••• | | • • • • • • • • • • • |
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | MIND ME AN |
| N | 1 ,8 | • 3 | ••••• | . 3 | ••••• | ••••• | • • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | * • • • • • • | 1.4 | 5,1 |
| | 1 | _ | | | | | | | | | | | |
| NNE | 1 .5 | • 6 | • 3 | | | | | | | | | 1.5 | 4.3 |
| NE | .5 | 1.8 | 1.1 | | | | | | | | | 3.4 | 5.4 |
| ENE | 4.3 | 4.5 | 1.6 | | | | | | | | | 10.6 | 4.3 |
| E | 3.7 | 7.5 | 10.1 | 1.3 | | | | | | | | 22.6 | 6.4 |
| ESE | 1.9 | 3.0 | 3.9 | • 5 | | | | | | | | 9.4 | 6.3 |
| SE | 1.2 | 2.5 | 1.8 | . 4 | •1 | | | | | | | 6.0 | 6.2 |
| SSE | .4 | . 9 | . 8 | .4 | -1 | | | | | | | 2.6 | 7,6 |
| s | 1-1 | • 5 | 1.1 | . 3 | •2 | •1 | | | | | | 3.3 | 7.5 |
| SSW | 2.2 | . 8 | 1.0 | •2 | | -1 | | | | | | 4 • 2 | 4.8 |
| SW | 1.8 | 1.2 | 2.0 | .4 | | | | | | | | 5.5 | 5,7 |
| WSW | 1.2 | • 8 | .6 | | | | | | | | | 2.6 | 4.3 |
| W | 1.5 | . 3 | .6 | . 3 | | | | | | | | 2.8 | 5.1 |
| WNW | .8 | | • 2 | .4 | | | | | | | | 1.4 | 6.5 |
| N¥ | .3 | | | | | | | | | | | . 3 | 2.0 |
| NNW | i .4 | • 2 | | | | | | | | | | •6 | 2.5 |
| VARIABLE | | • • • • • • • | ••••• | • • • • • • | • • • • • • | • • • • • • • | • | ••••• | • • • • • • • • | • • • • • • • • | ••••• | ••••• | • • • • • • • • • • • |
| | 1 | | | | | | | | | | | | |
| CALM | 1////////////////////////////////////// | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ///////// | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | 21.7 | 111111 |
| TOTALS | 22,6 | 24.9 | 25.4 | 4.7 | .4 | • 2 | | | | | | 100.0 | 4.5 |
| | • | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

HONTH: JUL HOURS(LST): 0600-0800 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION ! ME AN 1-3 7-10 11-16 41-47 GE 56 TOTAL WIND (DEGREES) !9 . 9 . 4 . 3 2.5 5.6 NNE . 2 1.9 4.3 .6 1 • 1 NE 1.3 1.7 .1 4.5 5.5 1.8 . 3 5.9 4 - 8 Ε 3.4 7.0 23.4 7.0 ESE 2.0 4.8 2.6 10.1 5.9 .6 5.9 SE 1.3 2.3 1.6 . 8 6.6 1.1 SSE 1.5 4.2 5.8 1 - 1 . 5 3.7 S 1.3 1.2 . 5 6.3 SSW 1.5 , 9 1.0 . 2 4.0 6.6 . i 6.1 1.5 .6 . 1 . 8 . 3 1.8 . 5 6.4 • 5 . 4 MNM . 1 . 2 1.2 7.7 NU . 1 2.0 NNW 3.9 VARIABLE CALM 16.1 ///// TOTALS 100.0 5.2

TOTAL NUMBER OF OBSERVATIONS: 930

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...

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(LST): D900-1100

WIND SPEED IN KNOTS

17-21 22-27 28-33 34-40 41-47 48-55 CF F' STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM DIRECTION 7-10 ME AN RIND (DEGREES) | 5.4 • 1 2.9 1.3 . 2 NNE 1 • 1 1.8 4.4 5.4 NE . 8 2.3 . 4 ENE . 6 2 . 3 2.5 1.1 7.4 E 1.8 8.6 7.8 ESE 2.4 1.4 14.2 5 . 6 • 1 6.8 4 . 7 SE 3.7 8.0 .4 2 . 6 1.2 . 1 8.1 SSE . 5 2.2 2.0 . 8 5.5 7.2 5 1.3 1.7 1.4 . 2 • 1 4.7 5.8 SSW .9 1.1 . 9 . 3 3.9 . 4 2.7 7.4 • 6 1.3 1.4 . 4 7.4 . 2 1.0 3.9 1.1 . 8 7.0 1.1 . 3 UNN . 6 . 1 . 1 1.2 5.8 NW • 2 . 1 . 3 6.7 NNW VARIABLE CALH 3.5 ///// TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| TION NUMBER | : 912180 | AOITATZ | NAME: | ANDERSEN | AFB GUA | M | | | PERIOD MONTH: | OF RECOR | D: 78- Hours(Ls | | 1400 |
|--------------------------|----------|---------------|---------|-------------------|---------------|------------------|-----------------|---------------|------------------|----------|--------------------|-----------------|---------------|
| DIRECTION IDEGREES) | 1-3 | 4- 6 | 7-10 | 11-16 | 17-21 | D SPEED 22-27 | | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N į | 1,1 | 1.5 | 1.1 | • • • • • • • • • | • • • • • • • | | • • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | 3.7 | 5.1 |
| NNE ! | .5 | 2.2 | .6 | | | | | | | | | 3 . 3 | 5.3 |
| NE | • 2 | 1.7 | 1.5 | 1.0 | | | | | | | | 4.4 | 7.8 |
| ENE | .6 | 1.9 | 3.3 | .8 | | | | | | | | 6.7 | 7.4 |
| E | 1.1 | 8.1 | 12.6 | 4.4 | • 1 | | | | | | | 26.2 | 7.9 |
| ESE | 1.1 | 5.5 | 6.3 | 1.6 | | | | | | | | 14.5 | 7.4 |
| SE | . 8 | 2.9 | 6.1 | 1.6 | •1 | | | | | | | 11.5 | 8.0 |
| SSE | . 4 | 2.7 | 2.7 | . 8 | | | | | | | | 6.6 | 7.0 |
| s | 1 • 1 | 1.7 | 2.6 | . 5 | | | | | | | | 5.9 | 6.9 |
| ssw [| • 2 | 1.1 | •6 | 1.0 | . 1 | | | | | | | 3.0 | 8.7 |
| sw | | • 5 | .9 | .8 | •2 | | | | | | | 2.4 | 10.5 |
| wsw | •1 | 1.5 | 1.0 | . 3 | | .4 | | | | | | 3.3 | 9.2 |
| w | .6 | • 5 | 1.4 | 1.0 | .1 | •1 | | | | | | 3.8 | 9.1 |
| WNW ! | .5 | • 5 | •6 | . 1 | | | | | | | | 1.8 | 5.4 |
| NV | | | | . 1 | | | | | | | | • 1 | 12.0 |
| NNU I | .5 | • 2 | | -1 | | | | | | | | .9 | 3.9 |
| VARIABLE (| •••••• | • • • • • • • | ••••• | • • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | •••••• | ••••• | • • • • • • • | • • • • • • • • | • • • • • • |
| CALM . | 11111111 | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ////// | ,,,,,,,, | ,,,,,,, | //////// | 1111111 | ,,,,,,,, | 1.9 | 111111 |
| TOTALS | 8.9 | 32 • 6 | 41.4 | 14.0 | •6 | .5 | | | | | | 100.0 | 7.4 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

100.0

6.8

AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUL HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION TOTAL ME AN (DEGREES) (¥ WIND *..... 4.2 4.3 5.2 NNE .6 2.7 1.0 NE . 6 1.9 1.4 . 3 4.3 6.0 ENE . 9 3 . 8 . 5 9.6 6.3 4.4 E 1.7 6.0 12.2 2.7 . 2 7.8 ESE . 1 12.5 6.9 1.0 5 . 5 5.2 - 8 . 9 7.5 1.7 10.6 SE 3.3 4.7 SSE 1.9 1.8 1.0 5.7 7.1 1.0 S 6.3 6.5 • 9 2.9 1.8 .8 5 S ¥ • 5 . 1 . 1 3.3 8.5 • 8 S¥ 1.1 . 3 . 2 2.0 10.7 ٠. 1.3 • 2 3.7 9.0 •6 • 8 . 9 1.0 1.9 . 4 4.2 6.8 1.3 . 2 • 2 6.2 • 2 • 6 . 2 1.2 4.7 NW • 6 NNW . 3 . 3 . 9 5.9 VARIABLE CALM 2.6 //////

10.5

TOTAL NUMBER OF OBSERVATIONS: 930

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1800-2000

| UIND SPEED IN KNOTS DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN | | | | | | | | | | | | | | |
|--|-----------|---------|----------|---------------|---------------|---------|-----------------|-----------------|---------------|---------|-------|-----|-------|---------------------|
| DIRECTION DIRECT | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE | 56 | TOTAL | ME AN WIND |
| N | 2,3 | . 8 | •2 | ••••• | •••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | | ••• | 3.2 | 3,1 |
| NNE | 1.3 | 1.0 | •2 | • 1 | | | | | | | | | 2.6 | 4.0 |
| NE | 1.5 | 2.9 | 1.8 | | | | | | | | | | 6.2 | 5.2 |
| ENE | 2.2 | 6 • 5 | 3.9 | •2 | | | | | | | | | 12.7 | 5.7 |
| £ | 2,3 | 7.4 | 8.0 | 2.0 | | | | | | | | | 19.7 | 6.9 |
| ESE | 3.2 | 5 • 2 | 3.9 | 1.2 | | | | | | | | | 13.4 | 5.9 |
| SE | 1 - 2 | 2 • 4 | 1.9 | 1.1 | -1 | | | | | | | | 6.7 | 6.8 |
| S S E | .4 | 1.9 | • 8 | • 6 | | | | | | | | | 3.8 | 6.9 |
| s i | 1.8 | 1.8 | .4 | . 3 | | | | | | | | | 4.4 | 4.5 |
| SSW | 1.1 | 1.7 | 1.6 | •1 | - 1 | | | | | | | | 4.6 | 6.0 |
| S W | .9 | 1.1 | . 8 | . 3 | | . 1 | | | | | | | 3.1 | 6.8 |
| wsw | .4 | 1 - 1 | . 4 | . 3 | | •1 | | | | | | | 2.4 | 7.0 |
| W | 1.6 | 1.1 | 1.0 | • 9 | | | | | | | | | 4.5 | 6.3 |
| WNW | 1.7 | • 2 | • 2 | | | | | | | | | | 2.2 | 3.0 |
| NW | .5 | | • 1 | | | | | | | | | | .6 | 3.3 |
| NNW 1 | .5 | • 5 | | | | | | | | | | | 1.1 | 3.4 |
| VARIABLE ! | * | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | • • • • • • • • | • • • • • • • | ••••• | •••• | ••• | ••••• | • • • • • • • • • • |
| i | 111111111 | ,,,,,,, | ,,,,,,,, | 11111111 | ,,,,,,,, | 1111111 | //////// | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,, | ,,, | 8.8 | 111111 |
| TOTALS | 22.9 | 35 • 5 | 25.2 | 7.2 | •2 | | | | | | | | 100.0 | 5.4 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

| STATION NUMBER | R: 912180 | STATION | NAME: | | | | | | PERIOD Month: | | D: 78- HOURS(LS) | | · 2 300 | |
|------------------------|--------------------------|---------------|-------|-----|-------------|---------|-------------------|---------------|------------------|---------|---------------------|-------|---------|-----|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | | y I | | IN KNOTS 28-33 | | 41-47 | 48-55 | GE 56 | TOTAL | ME AN | ••• |
| N | 1.4 | . 1 | .2 | -5 | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • • | •••••• | ••••• | 1.9 | 4.0 | |
| NNE | .6 | . 4 | . 3 | | | | | | | | | 1.4 | 4.3 | |
| NE | 1.5 | 1.5 | 1.3 | | | | | | | | | 4.3 | 4.9 | |
| ENE | 3.9 | 5 • 1 | 3.5 | • 3 | | | | | | | | 12.8 | 5.1 | |
| E | 4.2 | 7.5 | 8.9 | 1.6 | | | | | | | | 22.3 | 6.3 | |
| ESE | 2.2 | 3 . 9 | 4.1 | .9 | | | | | | | | 11.0 | 6.5 | |
| SE | 1.1 | 1.6 | 2.7 | .8 | •1 | .2 | | | | | | 6.5 | 7.7 | |
| SSE | 1.0 | 1.4 | .6 | •9 | | | | | | | | 3.9 | 7.0 | |
| s | 1.9 | 1.3 | .5 | •2 | • 2 | | | | | | | 4.2 | 5.2 | |
| WZZ | 1.5 | 1.6 | . 9 | • 3 | | | | | | | | 4.3 | 5.4 | |
| SW | .5 | 1.6 | 1.5 | • 3 | | | | | | | | 4.0 | 6.8 | |
| WSW | 1.5 | . 9 | .3 | •2 | | | | | | | | 2.9 | 4.6 | |
| u | 1.5 | . 5 | .8 | . 3 | | | | | | | | 3.1 | 5.2 | |
| WNW | 1.1 | •1 | •2 | •1 | | | | | | | | 1.5 | 3.6 | |
| NW | .8 | | .1 | | | | | | | | | . 9 | 2.8 | |
| HNW | .5 | | | | | | | | | | | .5 | 1.4 | 1 |
| | ! : • • • • • • • • • | • • • • • • • | ••••• | | • • • • • • | | ••••• | | | ••••• | | | | ••• |
| VARIABLE | 1 | | | | | | | | | | | | | |
| 1 | ! | | | | | | | ,,,,,,,, | '''''' | ,,,,,,, | ,,,,,,,, | | 111111 | |
| TOTALS | 1 25.2 I | 27 • 5 | 26.0 | | • 3 | .2 | | | | | | 100.0 | 5.0 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| | | ••••• | ••••• | • • • • • • • • | uln | D SPEED | IN KNOT | | ••••• | • • • • • • • | •••••• | ••••• | • • • • • • |
|-------------------------|-------|---------------|---------|-----------------|-----------------|---------|-----------------|---------------|----------|---------------|----------|--------|---------------|
| IRECTION DEGREES) | 1-3 | 4-6 | 7-10 | | 17-21 | | | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN Griv |
| N | 1.1 | 1.0 | .4 | -1 | • • • • • • • • | •••••• | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | •••••• | 2.7 | 4. |
| NNE ! | .8 | 1.2 | .5 | •0 | | | | | | | | 2.6 | 4. |
| NE | 1.0 | 1.9 | 1.6 | •2 | | | | | | | | 4.7 | 5. |
| ENE ! | 2.2 | * . * | 3.2 | .4 | | | | | | | | 10.1 | 5. |
| E | 2.9 | 7 • 5 | 10.3 | 2.6 | •1 | | | | | | | 23.4 | 7. |
| ESE | 2.0 | 4.7 | 4.5 | 1.0 | •0 | | | | | | | 12.2 | 6. |
| SE | 1.0 | 2.4 | 3.1 | 1.0 | .1 | .0 | | | | | | 7.7 | 7. |
| SSE | .7 | 1.7 | 1.3 | .7 | .0 | | | | | | | 4.4 | 7. |
| s | 1.2 | 1.5 | 1.2 | .5 | .1 | •0 | | | | | | 4.5 | 6. |
| SSW . | 1 • 2 | 1.1 | 1.0 | .4 | •1 | •0 | | | | | | 4.0 | 6. |
| sw | 1.0 | 1.1 | 1.3 | . • | .0 | •0 | | | | | | 3.9 | 6. |
| wsw | .8 | 1.0 | .7 | .4 | •0 | -1 | | | | | | 3.0 | 6. |
| <u>.</u> | 1.1 | • 6 | 1.0 | .5 | •0 | •0 | | | | | | 3.2 | 6. |
| UNU | .8 | •2 | . 3 | •5 | | | | | | | | 1.5 | 5. |
| NW | • 3 | •1 | •1 | •0 | | | | | | | | .5 | 3. |
| NNU | . 3 | • 2 | . 1 | •0 | | | | | | | | .7 | 3. |
| VARIABLE | ••••• | • • • • • • • | ••••• | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | •••••• | • • • • • • |
| CALH ! | | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 11/1/// | ///////// | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 11.0 | ,,,,, |
| TOTALS I | 18.6 | 30.7 | 30.4 | 8.6 | .5 | .2 | | | | | | 100.0 | 5. |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0000-0200

| ••••• | , ••••••• [| • • • • • • • | ****** | • • • • • • • | | | IN KNOTS | •••••• | • • • • • • • | •••••• | • • • • • | • • • • • • | •••• | • • • • • • • • • • | • 1 |
|------------------------|------------------|---------------|----------|---------------|-----------------|---------------|-----------------|---------|-----------------|---------------|-----------|-------------|-----------|---------------------|-----|
| DIRECTION (DEGREES) | l 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE | 56 T C | TAL | MIND WE WN . | |
| N | .6 | . 8 | -8 | .1 | • • • • • • • • | • • • • • • • | ***** | ••••• | • • • • • • • • | •••••• | •••• | • • • • • • | 2.3 | 5,4 | • |
| NNE | 1.0 | • 5 | | . 1 | | | | | | | | | 1.6 | 3,9 | |
| NE | 1.0 | 1.6 | .8 | •1 | •1 | | | | | | | | 3.5 | 5.2 | |
| ENE | 1.9 | 2 • 2 | 1.1 | . 1 | | | | | | | | | 5.3 | 4.7 | |
| E | 4.3 | 5 • 8 | 3.3 | .5 | | | | | | | | | 14.0 | 5.2 | |
| ESE | 1.8 | 4 • 3 | 2.9 | . 4 | | | | | | | | | 9.5 | 5,7 | |
| SE | 1.1 | 1.8 | 1.5 | .8 | | | | | | | | | 5.2 | 6,5 | |
| SSE | 1.6 | 2 • 5 | 1.5 | .3 | | | | | | | | | 5.8 | 5,3 | |
| s | 2.6 | 2.5 | .5 | .9 | | | | | | | | | 6.5 | 5.2 | |
| SSW | 1.4 | 2.0 | 1.6 | . 1.2 | | | | | | | | | 6.2 | 6.7 | |
| SW | 1.2 | 2 • 3 | 2.0 | 1.6 | | | | | | | | | 7.1 | 7.2 | |
| WSW | .9 | 1.4 | 1.1 | 1.2 | •5 | | | | 1 | | | | 4.7 | 8,3 | |
| w | 1.9 | 1.1 | 1.2 | . 8 | .5 | | | | | | | | 5.5 | 7.3 | |
| VNV | 1.1 | 1.6 | .5 | •1 | | | | | | | | | 3.3 | 4.7 | |
| NY | .6 | • 3 | • 1 | | | | | | | | | | 1.1 | 3,4 | |
| NNY | .5 | • 8 | | | | | | | | | | | 1.3 | 3,8 | |
| VARIABLE ! | ** • • • • • • • | • • • • • • • | •••••• | • • • • • • • | • • • • • • • • | • • • • • • | • • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • | • • • • • • | • • • • • | • • • • • • • • • • | , , |
| | | ,,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | | | ,,,,, | ,,, | 17.2 | 111111 | |
| TOTALS | 23,5 | 31.4 | 18.8 | 8.2 | .9 | | | | | | | | 00.0 | 4.8 | |
| ********** | | | | | | | | | | | | | | _ | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAN PERIOD OF RECORD: 78-67 MONTH: AUG HOURS (LST): 0300-0500 WIND SPEED IN KNOTS DIRECTION 7-10 17-21 22-27 28-33 34-40 GE 56 TOTAL HE AN IDEGREES) 1 1 WIND 1.1 . 4 5.1 NNE 1 - 1 • 3 .2 . 1 1.7 4.0 NE . 9 1 . 3 . 4 . 2 5.1 ENE 2.0 1.7 5.6 5.1 E 4.2 4 . 2 2.4 1.0 11.7 5.1 ESE 1.4 3.2 3.0 1.1 8.7 6.5 SE 2.5 . 5 1.2 1.1 5.3 5,7 SSE 1.2 1.3 1.4 • 5 . 1 6,7 s 2.7 2.8 7.8 5,7 SSW . 5 1.6 5,5 1.0 1.5 2.5 1.2 . 1 7.7 6.2 1.9 2.3 1.3 1.5 .1 7.1 6.7 1.5 ٠1 1.5 1.6 . 9 .4 6.0 7.8 UNU 1.0 • 5 . 9 . 1 2.9 6.5 NV . 2 4.2 NNH 4.0 VARIABLE CALM 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 HONTH: AUG HOURS(LST): 0600-0800

| | | • • • • • • • | ••••• | • • • • • • • | | n speen | IN KNOTS | | ••••• | •••••• | ••••• | | • • • • • • • • • • • • • |
|---------------------|-------|---------------|-----------|---------------|----------|-----------|-------------------|-----------------|---|---------|---------------|---------------------|---|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | | 28-33 | 34-40 | 42-47 | 48-55 | GE 56 | TOTAL | ME AN |
| N | . 3 | 1.3 | •2 | • • • • • • • | •••••• | | • • • • • • • • • | • • • • • • • | • • • • • • • • | | • • • • • • | 1.8 | 4.8 |
| NNE | .6 | • 8 | . 2 | | | | | | | | | 1.6 | 3.8 |
| NE | .6 | 1.3 | 1.0 | .5 | | | | | | | | 3.4 | 6.6 |
| ENE | 1 - 3 | 3 • 1 | .9 | | | | | | | | | 5.3 | 5.0 |
| E | 3.0 | 4 - 8 | 3.4 | • 5 | . 1 | | | | | | | 11.9 | 5.8 |
| ESE | 1.5 | 3 • 7 | 3.1 | . 9 | | | | | | | | 9.1 | 6.4 |
| SE | 1.5 | 2 • 7 | 2 • 9 | .9 | . 3 | | | | | | | 8.3 | 7.1 |
| SSE | 1.3 | 2.2 | 1.1 | • 3 | •2 | | | | | | | 5.1 | 6.0 |
| s | 1-1 | 2.7 | 1.7 | •6 | • 3 | | | | | | | 6.5 | 7.0 |
| SSW | , 8 | 1.6 | 1.5 | 1.0 | | | | | | | | 4.8 | 7.2 |
| SW | 1.2 | 2.7 | 2.3 | 1.9 | | | | | | | | 6.1 | 7.6 |
| WSW | 1.1 | 1 - 3 | 1.9 | 1.9 | •2 | | | | | | | 6.5 | 8,3 |
| u | 1.2 | 2.2 | 1.1 | 1.3 | . 3 | | | | | | | 6.0 | 7.4 |
| WNW | .8 | 1.0 | .4 | • 1 | | | | | | | | 2.3 | 5.0 |
| Nu | .4 | • 8 | •5 | .1 | | | | | | | | 1.8 | 5,6 |
| NNV | •1 | 1.1 | .8 | .1 | | | | | | | | 2.0 | 6.7 |
| VARIABLE | | • • • • • • • | ••••• | ••••• | ••••• | ••••• | • • • • • • • • | • • • • • • • • | • | ••••• | • • • • • • • | • • • • • • • • • • | • |
| | | ,,,,,,, | ,,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,,, | ,,,,,,,, | | // ///// | ,,,,,,, | ////// | / 15.5 | ///// |
| TOTALS | 16.8 | 33.0 | 23.0 | 10.2 | 1.5 | | | | | | | 100.0 | 5.6 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: AUG HOURS(LST): 0900-1100

| ••••• | · • • • • • • • • • • • • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | uIh | O SPEED | IN KNOTS | ••••• | | ••••• | • • • • • | | ••••••• |
|---------------------|---|---------------|----------|---------------|---------------|---------------|-----------|---------------|---------|---------|-----------|-----------------------|-------------------------|
| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | | | 28-33 | 34-40 | 41-47 | 48-55 | GE S | 1 | ME AN Wind |
| N | | 1.8 | .5 | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | ••••• | 2.8 | 5.8 |
| NNE | , 3 | 1.7 | . 5 | .1 | | | | | | | | 2.7 | 5.2 |
| NE | • 2 | • 8 | 1.6 | . • | | | | | | | | 3.0 | 7.7 |
| ENE | ,6 | 1.5 | 2.4 | • 2 | | | | | | | | 4.7 | 6.6 |
| £ | 3.7 | 5 • 1 | 4.7 | 1.3 | | | | | | | | 12.8 | 6.6 |
| ESE | 1.5 | 4.1 | 5.8 | .8 | | | | | | | | 12.2 | 6.9 |
| SE | 1.4 | 3.7 | 4.6 | 1.4 | .1 | | | | | | | 11.2 | 7.1 |
| SSE | .8 | 1.9 | 2 . 8 | 1.1 | •1 | | | | | | | 6.7 | 7.8 |
| S | -1 | 2.2 | 3.4 | 1.4 | | | | | | | | 7.1 | 8.2 |
| SSW | ٠. | 1.7 | 2.4 | 1.5 | | | | | | | | 6.0 | 8.1 |
| sw | .9 | 1.2 | 1.6 | 3 • 3 | •1 | | | | | | | 7.1 | 9,8 |
| WSW | .3 | 1.6 | 1.2 | 3.0 | .4 | | | | | | | 6.6 | 10.4 |
| u | 1.2 | 2.3 | 2 - 4 | 2.0 | •1 | | | | | | | 8.0 | 7,6 |
| unu | •2 | 1.3 | 1.0 | | | | | | | | | 2.5 | 5,9 |
| NU | .4 | . 4 | • 2 | •2 | | | | | | | | 1.3 | 6.0 |
| NNU | .5 | 1.0 | •5 | .4 | | | | | | | | 2.5 | 6.3 |
| VARIABLE | | • • • • • • • | ***** | ••••• | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | •••• | • • • • • • • • • • • | • • • • • • • • • • • • |
| CALM | ,,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ////// | ,,,,,,, | ///////// | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,, | /// 3.0 | 111111 |
| TOTALS | 11.1 | 32.2 | 35.7 | 17.2 | ., | | | | | | • | 100.0 | 7.2 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 Honth: Aug Hours(Lst): 1200-1400 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| NNE | •••••• | | ••••• | ****** | • • • • • • • • | | ND SPEED | | • • • • • • • • • • • • • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • • | • • • • • • • • • • • • • |
|---|----------|----------------|---------|-------------|-----------------|---------|----------|-----------------|---------------------------------------|-----------------|-----------------|---------|-------------------|---------------------------|
| NNE | | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| NE | N | .2 | 2.0 | 1.5 | • • • • • • • | | ******* | • • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • | •••••• | 3.8 | 6.0 |
| ENE | NNE | . 4 | 1.6 | 1.1 | • 1 | | | | | | | | 3.2 | 6.0 |
| E 1.3 4.0 6.6 1.3 13.1 7.2 ESE .9 4.6 5.5 1.3 12.3 7.0 SE .4 5.3 4.6 1.4 .1 11.8 7.4 SSE .5 2.5 4.6 1.9 .1 9.4 7.5 SSN .2 .6 1.3 1.8 4.0 9.4 SN .2 .6 1.0 2.6 .3 4.7 11. WSN .6 1.5 3.2 .6 .1 WNN .3 1.0 1.4 .3 NNN .2 .6 1.0 1.4 .3 NNN .2 .6 1.0 1.4 .3 NNN .2 .6 1.0 1.4 .3 NNN .3 1.0 1.4 .3 NNN .2 .6 1.0 NNN .2 .6 1.0 NNN .2 .6 1.0 NNN .2 .3 .4 .1 1.1 7 NNN .2 .6 1.0 VARIABLE CALH | NE | .1 | • 6 | .6 | . 4 | | | | | | | | 1.8 | 7.8 |
| ESE | ENE | . 1 | 1.3 | 2.3 | . • | | | | | | | | 4.1 | 7.2 |
| SE | £ | 1+3 | 4.0 | 6 - 6 | 1.3 | | | | | | | | 13.1 | 7.3 |
| SSE | ESE | .9 | 4.6 | 5.5 | 1.3 | | | | | | | | 12.3 | 7.0 |
| S .4 3.1 4.2 1.6 9.4 7.5 SSW .2 .6 1.3 1.8 4.0 9.6 SW .2 .6 1.0 2.6 .3 4.7 11.3 WSW .6 1.5 3.2 .6 .1 6.1 11.6 W .4 1.5 3.4 2.6 .3 8.3 9.6 WWW .3 1.0 1.4 .3 3.0 7.6 NW .2 .3 .4 .1 1.1 7.3 NNW .2 .6 1.0 1.8 7.5 | SE | .4 | 5 • 3 | 4.6 | 1.4 | .1 | | | | | | | 11.8 | 7.4 |
| SSW .2 .6 1.3 1.8 4.0 9,4 SW .2 .6 1.0 2.6 .3 4.7 11,1 WSW .6 1.5 3.4 2.6 .3 8.3 9,4 WNW .3 1.0 1.4 .3 3.0 7,4 NW .2 .3 .4 .1 1.1 7,1 NNW .2 .6 1.0 1.8 7,2 VARIABLE CALM | SSE | .5 | 2.5 | 4 • 6 | 1.9 | 1 | | | | | | | 9.7 | 8.3 |
| SW .2 .6 1.0 2.6 .3 4.7 11.3 WSW .6 1.5 3.2 .6 .1 6.1 11.5 W .4 1.5 3.4 2.6 .3 8.3 9.6 WNW .3 1.0 1.4 .3 3.0 7.6 NW .2 .3 .4 .1 1.1 7.3 NNW .2 .6 1.0 1.8 7.3 | S | .• | 3 - 1 | 4 - 2 | 1.6 | | | | | | | | 9.4 | 7.9 |
| MSM | SSW | .2 | • 6 | 1 • 3 | 1.8 | | | | | | | | ٠.0 | 9.8 |
| W .4 1.5 3.4 2.6 .3 8.3 9.6 WNW .3 1.0 1.4 .3 3.0 7.6 NW .2 .3 .4 .1 1.1 7.3 HNW .2 .6 1.0 1.8 7.5 | SW | .2 | • 6 | 1.0 | 2.6 | .3 | | | | | | | 4.7 | 11.3 |
| NNN | WSW | | • 6 | 1.5 | 3.2 | .6 | •1 | | | | | | 6.1 | 11.9 |
| NW .2 .3 .9 .1 1.1 7. NNW .2 .6 1.D 1.8 7. VARIABLE | w | .• | 1.5 | 3.4 | 2.6 | .3 | | | | | | | 8.3 | 9.6 |
| NNW .2 .6 1.0 1.8 7. | UNU | .3 | 1.0 | 1.4 | .3 | | | | | | | | 3.0 | 7.6 |
| VARIABLE | NW | .2 | • 3 | . • | | •1 | | | • | | | | 1.1 | 7.3 |
| CALM (| NNW | •2 | • 6 | 1.0 | | | | | | | | | 1.8 | 7.2 |
| 1 | VARIABLE | | ••••• | ••••• | • • • • • • • | ••••• | | ••••• | • • • • • • • | •••••• | •••••• | •••••• | ••••• | • • • • • • • • • • |
| | CALM | 111111111 | /////// | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 1.8 | 111111 |
| | TOTALS |) 6.0 | 30 • 4 | 41.0 | 19.0 | 1.6 | -1 | | | | | | 100.0 | 8.0 |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: MONTH: AUG HOURS(LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 ME AN DIRECTION TOTAL IDEGREES) 1N 5.7 . 1 4.0 NNE . 2 2.0 .2 2.5 4.9 NE 1.0 . 2 3.0 1.5 6.2 • 3 ENE 2.2 1.3 . 5 6.7 Ε 1.9 5 - 5 6.9 . 8 15.1 6.6 ESE 4.8 . 4 11.3 1.8 5.1 6.0 SE 2.9 1.2 6.6 SSE . 3 s 4.3 8.2 7.2 2.6 SSW . 9 1.8 . 9 8.4 • 2 1.9 2.0 SM . 1 . 1 .2 4.4 10.5 WSW . 3 1.2 2.2 3.1 1.0 11.1 3.3 2.0 9.3 -6.6 1.0 . 3 1.0 .2 4.9 NNW 6.4 3.1 ///// TOTALS 100.0 12.9 1.7 7.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | 912180 | STATION | NAME : | ANDERSEN | AFB GI | MAL | | | PERIOD (| | D: 78- Hours(Lst | | 2000 |
|---------------------|---|----------|--------|-----------------|-------------|-------------------|----------|---------------|-------------------|---------------|---------------------|---|---|
| ••••• | •••••• | ••••• | ••••• | • • • • • • • • | | | IN KNOT | | • • • • • • • • • | | • • • • • • • • | • • • • • • • • | • |
| DIRECTION (DEGREES) | | 4 -6 | 7-10 | 11-16 | | 22-27 | | | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| | ••••••••••••••••••••••••••••••••••••••• | | | | • • • • • • | • • • • • • • • • | | • • • • • • • | ••••• | • • • • • • • | • • • • • • • • • | • | • |
| N | .9 | 1.8 | . 6 | .1 | | | | | | | | 3.4 | 5.3 |
| NNE | .9 | . 8 | .1 | | | | | | | | | 1.7 | 3.5 |
| NE | 1.5 | 1.0 | 1.2 | •2 | | | | | | | | 3.9 | 5.1 |
| ENE | 1 - 3 | 3 • 3 | 1.3 | .4 | • | ł | | | | | | 6.5 | 5.8 |
| £ | 4.1 | 5.9 | 4.4 | .8 | | | | | | | | 15.2 | 5.5 |
| ESE | 2.3 | 3 • 4 | 2.6 | .4 | | | | | | | | 8.7 | 5.4 |
| SE I | 2.3 | 2 • 2 | 1.1 | . 3 | | | | | | | | 5.8 | 4.9 |
| SSE | 1.5 | 2 • 6 | 1.0 | .5 | | | | | | | | 5.6 | 5.5 |
| s | 1.8 | 2 • 6 | 2.4 | .8 | | | | | | | | 7.5 | 6.2 |
| WZZ | 1 • 2 | 1.6 | 1.6 | .5 | | | | | | | | 4.9 | 6.2 |
| SW | 1.0 | 1 • • | 1.9 | 1.3 | | | | | | | | 5.6 | 7.6 |
| นรม | 1.6 | 2.0 | 1.9 | 1.5 | • : | .1 | | | | | | 7 . 3 | 7.6 |
| H | 1.4 | 2 • 3 | 1.2 | 1.6 | •: | 3 ,1 | | | | | | 6.9 | 8.1 |
| WNW | 1.2 | 1.9 | . 8 | • 5 | • 1 | ı | | | | | | 4.5 | 6.0 |
| NW | .9 | • 1 | •2 | | | | | | | | | 1.2 | 3.6 |
| NNW | .9 | • 6 | •2 | •2 | | | | | | | | 1.9 | 4.8 |
| VARIABLE (| ** • • • • • • • | ••••• | ••••• | •••••• | • • • • • • | • • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | •••••• |
| CALM | 11111111 | ,,,,,,,, | ,,,,,, | ,,,,,,,, | ///// | ,,,,,,, | ,,,,,,,, | ,,,,,,, | //////// | ,,,,,,, | ,,,,,,, | 9.4 | 111111 |
| TOTALS | 24.5 | 33.5 | 22.5 | 9.2 | • | 2 | | | | | | 100.0 | 5.4 |
| | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM 78-87 HONTH: AUG HOURS (LST): 2100-2300 WIND SPEED IN KNOTS DIRECTION 22-27 28-33 48-55 GE 56 TOTAL ME AN (DEGREES) ! 1 WIND 4.5 . 8 2.0 NNE . 5 1.9 5.0 • 8 NE 3.5 4.7 1.2 1.7 • 6 ENE 2.2 1.6 5.2 £ 4.1 6 • 5 3.5 . 8 5.4 ESE 3.4 3,9 . 6 5.2 5.6 SE 1.3 2.0 1.8 . 1 5.3 SSE 2.0 • 6 . 1 5.1 6.4 S . 5 1.3 5.7 7.5 1.1 . 9 1.8 . 1 6.5 7.2 2.2 1.5 7.6 . 5 . 9 1.2 . 2 4.2 UNU 1.2 . 2 3.3 5.7 1.2 . 8 1.8 3.1 NNW VARIABLE CALM 16.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: HONTH: AUG HOU 78-87 HOURSILSTI: ALL

| | | | | | | | | | | ~00 | UGONA (F 2 | ,,, | |
|---------------------|---|---------------|---------|---------------|---------|---------|---------------|---------------------------------------|-------------------|---------------|-------------------|--------|---|
| *********** | | ••••• | | • • • • • • • | ı | D SPEED | IN KNOTS | • • • • • • • • • • • • • • • • • • • | ••••• | ••••• | ••••• | •••••• | • |
| DIRECTION (DEGREES) | i 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N | ,5 | 1.5 | . 7 | •0 | •••••• | •••• | ••••• | • • • • • • • | • • • • • • • • • | ••••• | •••••• | 2.8 | 5.3 |
| NNE | .6 | 1 • 1 | .4 | .1 | | | | | | | | 2.1 | 4.7 |
| NE | .7 | 1 . 2 | . 9 | . 3 | .0 | | | | | | | 3.1 | 5.9 |
| ENE | 1.2 | 2 • 2 | 1.6 | . 3 | .0 | | | | | | | 5.3 | 5.7 |
| £ | 3.1 | 5 • 2 | 4.4 | .9 | .0 | | | | | | | 13.6 | 5.9 |
| ESE | 1.8 | 4 • 0 | 3.6 | .7 | | | | | | | | 10.2 | 6.2 |
| SE | 1.3 | 3 • 0 | 2.6 | . 8 | •1 | | | | | | | 7.8 | 6.6 |
| SSE | 1.1 | 2 • 2 | 5 • 0 | .7 | .1 | •0 | | | | | | 6.1 | 6.7 |
| s | 1.4 | 2 • 5 | 2.6 | .8 | .1 | | | | | | | 7.4 | 6.7 |
| SSW | .9 | 1.6 | 1.6 | 1.0 | | | | | | | | 5 . 1 | 7.1 |
| 2 M | .8 | 1 - 5 | 1.8 | 2.0 | •1 | | | | | | | 6.2 | 8,5 |
| NZM | 1.1 | 1 • 5 | 1.5 | 2 • 2 | . 3 | •0 | | | | | | 6.6 | 8.9 |
| w | 1.2 | 1.6 | 1.9 | 1.5 | -4 | .0 | | | | | | 6.6 | 8.2 |
| WNW | .8 | 1 • 2 | 1.0 | .3 | .0 | | | | | | | 3.3 | 6.0 |
| NW | .6 | • 5 | . 3 | •0 | •0 | | | | | | | 1.4 | 4.7 |
| NNW | .5 I | • 8 | .4 | .1 | | | | | | | | 1.8 | 5,6 |
| VARIABLE | | • • • • • • • | ••••• | ••••• | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • • • | ••••• | • |
| CALH | <i> </i> | 1111111 | ,,,,,,, | | ,,,,,,, | /////// | ,,,,,,,, | 1111111 | | (////// | ,,,,,,, | 10.7 | 111111 |
| TOTALS | 17,8 | 31.5 | 27.2 | 11.7 | 1.1 | .1 | | | | | | 100.0 | 6.0 |
| | 1 | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

MONTH: SEP HOURS(LST): 0000-0200 WIND SPEED IN KNOTS DIRECTION 17-21 22-27 28-33 34-40 TOTAL ME AN 7-10 11-16 41-47 48-55 GE 56 IDEGREES! 1 4.7 N 1.0 • 2 . 1 2.1 NNE 1.0 • 7 • 2 2.1 4.9 . 2 NE 2.7 3 • 1 . 9 6.7 ENE 13.3 5.0 . 6 E 5.3 .6 13.9 5.7 . 9 ESE 1.4 2.2 . 2 4.8 6.5 2.7 SE . 9 . 3 5.2 1.3 5.4 SSE . 8 1.4 2.4 . 3 5.0 6.9 .9 S 1.3 . 3 6.2 1.1 2.1 1.6 1.2 6.8 . 8 WSW 1.3 . 3 3.0 • 6 5.7 - 1 1.2 . 7 . 4 4.6 MNM 2.0 1.3 • 9 • 1 4.3 NW • 3 • 3 2.0 3.7 3.2 VARTABLE. CALM 18.6

TOTAL NUMBER OF OBSERVATIONS: 900

...

100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: SEP HOL ORD: 78-87 Hours(LsT): 0300-0500 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| | | • • • • • • • | ••••• | • • • • • • • | ······ | O SPEED | IN KNOTS | ••••• | • • • • • • • • | • • • • • • | ••••• | ••••• | • |
|---------------------|------------|---------------|---------|---------------|---------------|---------|---------------|---------------|-----------------|-----------------|---------------|--------|---|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN |
| N | 1,7 | • 6 | .3 | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | | • • • • • • • • | • • • • • • • | 2.6 | 3.7 |
| NNE | 1.1 | . 7 | • 2 | •2 | | | | | | | | 2.2 | 4.3 |
| NE | 2.8 | 3.9 | 1.4 | • 2 | | | | | | | | 8.3 | 4.9 |
| ENE | 4.3 | 4 • 8 | 2.6 | .2 | | | | | | | | 11.9 | 4.7 |
| ε | 2.4 | 5 • 2 | 3.0 | .6 | | | | | | | | 11.2 | 5.7 |
| ESE | 1.7 | 2 • 1 | 1.9 | •1 | | | | | | | | 5.8 | 5.6 |
| SE | .9 | 1 - 4 | 1.0 | •1 | • 1 | | | | | | | 3.6 | 6.5 |
| SSE | .6 | 1.0 | 1.1 | .9 | • 2 | .1 | | | | | | 3.9 | 8.7 |
| s | .8 | 1 • 1 | 1.3 | • 9 | | | | | | | | 4.1 | 7.7 |
| SSW | 1.0 | 2 • 4 | .9 | .7 | | •1 | | | | | | 5.1 | 6.5 |
| SW I | 1.9 | 2 • 3 | 1.9 | 1.3 | - 1 | | | | | | | 7.6 | 6.4 |
| WSW | 1.1 | 1.0 | •6 | •6 | | | | | | | | 3,2 | 5.9 |
| ¥ | .9 | • 4 | .7 | •5 | | | | | | | | 2.2 | 5.7 |
| WNW I | i 2.0 | 1.0 | .4 | •1 | | | | | | | | 3.6 | 4.0 |
| NW | .8 | • 4 | . 4 | •1 | | | | | | | | 1.8 | 4.6 |
| NNW | .8 | • 3 | •1 | | | | | | | | | 1.2 | 3.3 |
| VARIABLE | | • • • • • • | ••••• | ••••• | • • • • • • • | •••••• | • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • | •••••• | ••••• |
| CALM | 1111111111 | ,,,,,,, | ,,,,,,, | ,,,,,,, | /////// | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | 21.8 | ///// |
| TOTALS | 24.7 | 28 . 8 | 17.9 | 6.2 | .4 | •2 | | | | | | 100.0 | 4.4 |
| | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | R: 912180 | STATION | N NAME: | ANDERSEN | AFB GU | M | | | PERIOD : | | D: 78- HOURS(LS | | 0800 |
|------------------------|---|----------|---------------|-------------------|--------|---------|---|-------------|----------|-----------------|--------------------|--------|-----------------|
| ••••• | ; · · · · · · · · · · · · · · · · · · · | ••••• | • • • • • • • | • • • • • • • • • | | ND SPEE | IN KNOTS | • • • • • • | •••••• | • • • • • • • • | •••••• | •••••• | • • • • • • • • |
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | | 22-27 | | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N | . 7 | 1.1 | .3 | .1 | | ••••• | • | | •••••• | • • • • • • • • | • • • • • • • | 2.2 | 4.8 |
| NNE | 1.7 | 1.3 | 1.0 | . 1 | | | | | | | | 4.1 | 4.9 |
| NE | 1.7 | 2.3 | 2 • 2 | -1 | | | | | | | | 6.3 | 5.5 |
| ENE | 2.8 | 5 • 6 | 3.1 | •2 | | | | | | | | 11.7 | 5.3 |
| E | 1.6 | 5 • 8 | 4.8 | .3 | | | | | | | | 12.4 | 6.2 |
| ESE | 2.0 | 1.6 | 2.2 | . 4 | | | | | | | | 6.2 | 5.7 |
| SE | .3 | 2.4 | 1.6 | .9 | •1 | | | | | | | 5.3 | 7.2 |
| SSE | .3 | 1.6 | .7 | .8 | .4 | • 1 | 1 | | | | | 3.9 | 9.2 |
| s | 1.7 | 1.1 | 1.0 | 1.1 | •2 | | | | | | | 5.1 | 7.2 |
| SSW ! | 1.0 | 2.0 | 2.1 | 1.2 | | | | | | | | 6.3 | 7.5 |
| Sw) | 1.4 | 1.8 | 1.1 | 1.4 | •1 | | | | | | | 5.9 | 7:2 |
| WSW (| 1.3 | 1.7 | •8 | .6 | | | | | | | | 4.3 | 5.6 |
| N 1 | 1.1 | 1.1 | .4 | .6 | | | | | | | | 3.2 | 5.8 |
| UNW 1 | 1.3 | 1.8 | •2 | •1 | | | | | | | | 3.4 | 4.4 |
| Nw I | •2 | . 7 | •2 | .1 | | | | | | | | 1.2 | 5.6 |
| NNW I | .7 | • 7 | .6 | •1 | | | | | | | | 2.0 | 5.4 |
| | ••••• | | | | | | | | | | | 2.0 | 3.4 |
| VARTABLE ! | | | | | | | | ••••• | | | • • • • • • • • | ****** | • • • • • • • |
| CALM | <i>!!!!!!!!</i> | ,,,,,,,, | /////// | ,,,,,,,, | ////// | ,,,,,,, | /////////////////////////////////////// | 111111 | ,,,,,,,, | ,,,,,,, | ,,,,,,, | 16.2 | 111111 |
| TOTALS | 19.8 | 32 • 4 | 22.3 | 8.2 | .9 | •1 | | | | | | 100.0 | 5.2 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

| ION NUMBER | | | | | | | | | MONTH: | _ | HOURS (LS1 | 1: 0900- | 1 100 |
|-------------------|-----------|-------------|---------|-----------------|---------------|---------|-------------------|--------|-----------------|-----------------|------------|----------|---------------|
| IRECTION DEGREES! | | 4-6 | 7-10 | 11-16 | WIN | D SPEED | IN KNOTS 28-33 | | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N 1 | 1.1 | 1.6 | | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • • | • • • • • • • • | •••••• | 3.6 | 4.6 |
| NNE I | 1 • 2 | 2.1 | 2.0 | •2 | | | | | | | | 5.6 | 5.8 |
| NE ! | . 4 | 2.6 | 3.0 | -6 | | | | | | | | 6.6 | 6.1 |
| ENE ! | .8 | 2.9 | 3.1 | 1.1 | | | | | | | | 7.9 | 7.2 |
| ε ! | ,8 | 9.0 | 9.1 | 1.2 | | | | | | | | 20.1 | 7.0 |
| ESE | 1 • 3 | 4. D | 3.0 | .8 | | | | | | | | 9.1 | 6.2 |
| SE ! | .9 | 2 • 3 | 2 - 8 | 1.0 | • 2 | | | | | | | 7.2 | 7.6 |
| SSE ! | .7 | 1.2 | 2.1 | • 9 | .1 | | | | | | | 5.0 | 7.9 |
| s | .8 | 1 - 4 | 1.6 | 1.4 | •2 | -1 | | | | | | 5.6 | 8.5 |
| SSW 1 | .4 | 1.2 | 1.2 | 2 • 8 | •1 | • t | | | | | | 5.9 | 9,7 |
| Su ! | .4 | 1.0 | 1.7 | 2.0 | .6 | • 5 | | | | | | 5.9 | 10.6 |
| nen i | .6 | 1 • 3 | 1.2 | 1.0 | | | | | | | | 4.1 | 7.9 |
| u j | ,8 | 1 • 8 | 1.1 | .4 | | | | | | | | 4.1 | 6.2 |
| MNN | • 2 | 1.6 | . 9 | • 1 | | | | | | | | 3.0 | 5.9 |
| NW | •1 | • 7 | | | | | | | | | | . 8 | 4.9 |
| NNW | ,8 | 1.7 | .7 | • 3 | | | | | | | | 3.4 | 5.9 |
| VARIABLE : | •••••• | ••••• | ••••• | • • • • • • • • | • • • • • • | | ••••• | •••••• | ••••• | ••••• | ••••• | ••••• | •••• |
| CALM | ,,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 111111 | ,,,,,,,, | ''''' | ,,,,,,, | ,,,,,,, | ,,,,,,, | 2.2 | 111111 |
| TOTALS | 11.3 | 36 - 6 | 34.3 | 13.9 | 1.2 | .4 | | | | | | 100.0 | 7.1 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

MONTH: SEP HOURS(LST): 1200-1400 WIND SPEED IN KNOTS 17-21 22-27 24---DIRECTION 7-10 TOTAL ME AN (DEGREES) HIND 7.0 6.1 .6 2.7 . 3 3.4 NNE . 1 1 . 6 3.8 5.9 NE . 4 1.9 .2 1.7 4.2 6.5 ENE 1.2 3.1 4.9 1.1 10.3 7.2 ε . 3 7.2 9.2 1.4 7.4 . 9 ESE 3.6 7.0 SE 4.3 1.0 SSE . 3 1.0 8,4 9.4 . 3 • 8 6.0 • 2 11.4 1.0 1.3 • 2 • 6 11.3 . 4 . 4 . 9 1.4 . 1 9.7 . 9 1.4 7.0 1.3 . 3 1.1 7.7 . 3 3.3 NNW VARIABLE 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBE | R: 912180 | STATION | NAME: | ANDERSEN | AFB | GUA | M | | | PERIOD MONTH: | OF RECOR | | 78-8 LST) | 7 : 1500- | 1700 | |
|------------------------|-------------------|---------------|---------|-----------------|---------|---------|---------------|-----------------|---------------|------------------|-----------------|-------------|--------------|---------------|-----------------|-------|
| ************ | • • • • • • • • • | ••••• | ••••• | • • • • • • • • | • • • • | • • • • | | IN KNOTS | • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • | • • • • | • • • • • • • | • • • • • • • • | ••• |
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17- | | | 58-33 | | 41-47 | 48-55 | 6E 5 | 6 | TOTAL | ME AN Wind | |
| *********** | | ****** | | | • • • • | • • • • | • • • • • • | • • • • • • • • | • • • • • • | • • • • • • • • | • • • • • • • • | | | • • • • • • | • • • • • • • • | • • • |
| N | 1 .7 | 4.0 | 1.4 | | | | | | | | | | | 6.1 | 5,4 | |
| MNE | .3 | 2.4 | 1.7 | | | | | | | | | | | 4.4 | 5.8 | |
| NE | 1-1 | 1.8 | 2.2 | . 1 | | | | | | | | | | 5.2 | 6.1 | |
| ENE | .6 | 3 • 8 | 5 . 6 | .6 | | | | | | | | | | 10.4 | 7.1 | |
| E | 1.4 | 8.6 | 5 . 8 | 1.0 | | | | | | | | | | 16.8 | 6.4 | |
| ESE | .8 | 3 • 3 | 4.0 | •6 | | | | | | | | | | 8.7 | 6.9 | |
| SE | .8 | 2.7 | 2.6 | .4 | | | | | | | | | | 6.4 | 6.7 | |
| SSE | .4 | 1 - 1 | 1 - 6 | 1.1 | | | | | | | | | | 4.2 | 8.4 | |
| S | 1.0 | 1 • 6 | 3 . 8 | 1.6 | | | | | | | | | | 7.9 | B.O | |
| SSW | -1 | 1 - 1 | 2 . 4 | 1.8 | | | | | | | | | | 5.4 | 9.0 | |
| SU | .4 | • 7 | 1.6 | 1.6 | | | • 1 | | | | | | | 4.3 | 9.4 | - 4, |
| AZA | .7 | • 7 | 1.8 | 1.2 | | • 3 | | | | | | | | 4.7 | 9.1 | |
| ¥ | .7 | 1 - 4 | 1.2 | 1.0 | | | | | | | | | | 4.3 | 7.3 | |
| WNW | .4 | 1.0 | 2.1 | • 2 | | | | | | | | | | 3.8 | 7.3 | |
| NY | .6 | • 7 | • 6 | | | | | | | | | | | 1.8 | 4.9 | |
| NNU | •7 | 1 • 6 | . 9 | •2 | | | | | | | | | | 3.3 | 5.9 | |
| VARIABLE | •••••• | ••••• | ****** | | • • • • | •••• | •••• | | • • • • • • • | • • • • • • • • | •••••• | ••••• | •••• | • • • • • • | • • • • • • • | ••• |
| CALH | ,,,,,,,, | ,,,,,,, | 1111111 | ,,,,,,,, | ,,,, | ,,,, | /////// | | ////// | ,,,,,,, | ,,,,,,, | ,,,,, | " | 2.1 | ,,,,,, | |
| TOTALS | 10.7 | 36 • 3 | 39.1 | 11.3 | | . 3 | •1 | | | | | | | 100.0 | 6.9 | |
| ••••• | • | • • • • • • • | | • • • • • • • • | • • • • | • • • • | • • • • • • • | | ••••• | ••••• | ••••• | • • • • • | | • • • • • • | • • • • • • • | ••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 912180 STATION NAME:

MONTH: SEP HQURS(LST): 1800-2000 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION I ME AN GE 56 TOTAL 7-10 34-40 48-55 IDE GREES) MIND 4.6 1.7 1.0 . 8 3.7 NNE 3.9 2.0 1 . 4 .4 6.0 NE 4.6 2.0 2 . 6 1.4 ENE 3.0 6.1 3.6 . 3 13.0 5.4 E 6.1 . 7 15.4 6.3 ESE 6.0 2 . 8 1.2 SE 5.2 . 8 2.4 1.0 SSE 1.1 1.1 • 6 6.3 s 1.1 1.2 2.3 7.9 SSW . 9 2.3 6.0 7.2 1.6 1.2 8.0 SW . 6 1.0 1.9 1.1 WSW 1.1 1.3 . 3 3.7 6.8 5.7 1.7 . 7 4.3 . 9 . 2 4.1 NU . 7 2.0 3.2 NNW 1.3 CALM 5.2 7.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: HONTH: SEP HOURS(LST): 2100-2300 WIND SPEED IN KNOTS DIRECTION 17-21 22-27 28-33 34-40 ME AN WIND 1-3 7-10 11-16 41-47 48-55 GE 56 TOTAL (DEGREES) | 1 1.3 2.6 1.1 . 1 3.6 NNE 1.2 2.9 1 . 2 4.0 NE 1.9 2.9 1.2 • 1 6.1 4.9 ENE 3.9 5.1 Ε 6.3 5 . 8 ESE . 3 . 1 1.3 3.2 2.6 7.6 6.1 SE 1.3 1.3 . 2 2.1 5.0 5.7 SSE . 7 • 6 . 9 . 1 5.8 s .7 . 7 1.2 SSW .9 7.7 1.6 1.7 7.1 . 3 1.1 . 8 3.3 5.5 1.1 1.4 1.2 .4 . 1 3.2 4.4 UNU 2.4 1.7 1.0 4.3 NM 1.0 . 7 3.7 3.1 VARIABLE | CALM 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | 912180 | STATION | NAME : | ANDERSEN | AFB 6 | U AM | | | | PERIOD (| OF RECOR | D: 76-I | | _ |
|----------------|-------------------|---------|-------------|-----------------|-------|-------------|-----------|---------------|---------------|-----------------|---------------|---------|---------------------|-----------------------|
| ••••• | ••••• | ••••• | • • • • • • | • • • • • • • • | | | | | | • • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • • • • • |
| DIRECTION (| | 4-6 | 7-10 | 11-16 | | | | 28-33 | | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| **** | •••••• | | | • • • • • • • • | | | • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • • • • | |
| N | 1.0 | 1.8 | , 6 | • 1 | • | 0 | | | | | | | 3.7 | 5.0 |
| NNE | 1.2 | 1.4 | .9 | .1 | | | | | | | | | 3.6 | 5.0 |
| NE | 1.6 | 2 • 6 | 1.8 | •2 | | | | | | | | | 6.2 | 5.4 |
| ENE | 2.6 | 4 • 6 | 3.6 | .6 | | | | | | | | | 11.4 | 5.8 |
| E | 2.0 | 6 • 4 | 6.0 | .9 | | | •0 | | | | | | 15.3 | 6.5 |
| ESE | 1 • 2 | 2.9 | 2.6 | .5 | • | 0 | | | | | | | 7.3 | 6.3 |
| SE | .9 | 2.4 | 1.9 | .5 | • | 1 | •0 | | | | | | 5.8 | 6.7 |
| SSE | .6 | 1.1 | 1.5 | .7 | • | 1 | .0 | | | | | | 4 • 1 | 7.8 |
| s | .9 | 1.2 | 2.1 | 1.3 | • | 1 | •0 | | | | | | 5.6 | 8.1 |
| SSW | .7 | 1.6 | 1.6 | 1.6 | • | 1 | •0 | | | | | | 5.7 | 8.2 |
| SW | 1.0 | 1.4 | 1.6 | 1.4 | • | 2 | .0 | | | | | | 5.5 | 8.1 |
| WSW | .8 | 1.1 | 1.0 | .7 | | 1 | | | | | | | 3.7 | 7.1 |
| w | 1.1 | 1 • 1 | .9 | .4 | | | | | | | | | 3.5 | 6.0 |
| WNW | 1.3 | 1.4 | 1.0 | • 2 | | | | | | | | | 3.8 | 5.2 |
| NW | .7 | • 6 | •2 | •0 | | | | | | | | | 1.5 | 4.3 |
| NNW | .7 | . 9 | .4 | .1 | | | | | | | | | 2.2 | 5.1 |
| ••••• | • • • • • • • • | | | | | • • • • • • | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | ,,,,,,,, | | ,,,,,, | ,,,,,,,, | ,,,,, | ///// | //// | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 11.1 | 11111 |
| TOTALS | 18.3 | 32 • 5 | 28.1 | 9.3 | • | 6 | •1 | | | | | | 100.0 | 5.7 |
| ********* | . • • • • • • • • | | | | | | | | | • • • • • • • | | ••••• | • • • • • • • • | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | R: 912180 | STATION | NAME: | | | | | | MONTHE | OF RECOR | D: 78- Hgurs(Lst | | 0200 |
|---------------------|-----------|-----------------|-------|-------------------|-------------|------------------|-----------------|-------------|-----------------|-------------------|---------------------|---------------|---|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | D SPEED 22-27 | _ | 34-40 | 41-47 | | GE 56 | TOTAL | ME AN WIND |
| N | . 3 | 1.6 | •2 | | | .1 | • • • • • • • | • • • • • • | • • • • • • • • | * * * * * * * * * | •••••• | 2.5 | 6,6 |
| NNE | 1.7 | 1 - 1 | . 9 | •5 | .2 | | | | | | | 4 - 1 | 5.8 |
| NE | 1.8 | 2 • 6 | 1.8 | | | | | | | | | 6.2 | 5.1 |
| ENE | 4.0 | 6 • B | 5 • 5 | .9 | - 1 | | | | | | | 17.2 | 5.7 |
| Ε | 4,7 | 8.9 | 6.9 | 1.7 | •1 | •2 | | | | | | 22.6 | 6.3 |
| ESE | 1.5 | 2 . 3 | 1.6 | • 3 | •1 | .3 | .1 | | | | | 6.5 | 7.5 |
| SE | 1,4 | 1.6 | 1 - 2 | 1.2 | - 1 | | | | | | | 5.7 | 6.6 |
| SSE | 1.2 | 1.2 | 1.4 | 1 - 3 | •2 | | | | | | | 5.3 | 7.8 |
| s | ,9 | 1.0 | 1.4 | 1.1 | 2 | | | | | | | 4.5 | 8,3 |
| SSW | .3 | . 8 | 1 • 2 | 1-1 | •2 | | | | | | | 3.5 | 9.2 |
| SW | .6 | 1.3 | . • | • 3 | | | | | | | | 2.7 | 5,6 |
| WSW | .9 | . 2 | .4 | • 2 | | | | | | | | 1.7 | 5,3 |
| u | .9 | • 6 | .6 | -1 | -1 | •2 | •3 | | | | | 2.9 | 9,7 |
| MNW | .8 | • 2 | | | | | | | | | | 1.0 | 2.2 |
| Nw | 6 | • 1 | .4 | | | | | | | | | 1.2 | 4.8 |
| NNW | .2 | . 3 | .1 | | | | | | | | | .6 | 4.7 |
| VARIABLE | , | • • • • • • • • | ••••• | • • • • • • • • • | • • • • • • | ••••• | • • • • • • • • | | | | | • • • • • • • | • |
| | ,,,,,,,, | | | | | | | | | | | | |
| i | ; | | | | | | | ,,,,,,, | | ,,,,,,,, | ,,,,,,,, | | ,,,,,, |
| TOTALS | 21.8 | 30 . 8 | 24.3 | 8.6 | 1.4 | • 9 | .4 | | | | | 100.0 | 5.7 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | R: 912180 | STATION | NAME: | ANDERSEN | AFB GUA | М | | | PERIOD Month: | OF RECOR | D: 78- HOURS(LS1 | | 0500 | |
|---------------------|---|----------|---------|----------|---------------|---------|---|-----------------|------------------|----------|---------------------|-------|-----------------|---|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | yIA 17-21 | | IN KNOT 28-33 | S 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND | • |
| N | .4 | 1.3 | -8 | .1 | •••••• | ••••• | ••••• | ••••• | • • • • • • • • | •••••• | ••••• | 2.6 | 5.8 | • |
| NNE | 1.0 | 1.6 | • 6 | .2 | | | | | | | | 3.4 | 5.2 | |
| NE | 1.9 | 2 • 6 | 2.5 | .4 | - 1 | .2 | | | | | | 7.7 | 6.7 | |
| ENE | 4.6 | 7.7 | 4.8 | .4 | | . 1 | | .1 | | | | 17.8 | 5.6 | |
| £ | 3.7 | 6 • 3 | 6 . 2 | 1.4 | •2 | •1 | | | | | | 18.0 | 6.3 | |
| ESE | 1.5 | 1.5 | 1.3 | • 5 | -1 | -1 | | | | | | 5.1 | 6.7 | |
| SE | .8 | 1.3 | • 3 | .8 | . 3 | .1 | | | | | | 3.5 | 8.2 | |
| SSE | 1.1 | 1.5 | 1.6 | 1.0 | . 3 | | | | | | | 5.5 | 7.7 | |
| s | 1.3 | 1.3 | 1.4 | 1.1 | -1 | | | | | | | 5.2 | 7.5 | |
| SSW | .8 | 1.3 | . 9 | .5 | •2 | | | | | | | 3.7 | 7.3 | |
| Sw | . * | • 5 | . 8 | .4 | | | | | | | | 2.2 | 7.5 | |
| WSW | .5 | . 5 | .9 | .3 | | . 2 | | | | | | 2.5 | 7.8 | |
| W | 1.7 | . 2 | . 8 | •2 | -1 | .2 | | | | | | 3.2 | 6.4 | |
| WNW | .9 | • 2 | .1 | | | | | | | | | 1.2 | 2.8 | |
| NW | •1 | . 6 | - 1 | | | | | | | | | . 9 | 5.0 | |
| NNW | •2 | . 3 | •1 | •2 | | | | | | | | .9 | 6.1 | |
| VARIABLE | · • • • • • • • • • • • • • • • • • • • | •••••• | •••••• | •••••• | • • • • • • • | ••••• | • | • • • • • • • • | • • • • • • • • | ******* | •••••• | ••••• | • • • • • • • • | • |
| CALM | ,,,,,,,, | ,,,,,,,, | 1111111 | ,,,,,,,, | //////// | /////// | //////// | | ,,,,,,, | /////// | ,,,,,,,,, | 16.8 | 111111 | |
| TOTALS | 20.9 | 28.9 | 23 - 1 | 7.6 | 1.5 | 1.1 | | •1 | | | | 100.0 | 5.4 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: OCT HOURS(LST): 0600-0800 WIND SPEED IN KNOTS DIRECTION TOTAL 7-10 11-16 22-27 28-33 ME AN 17-21 34-40 48-55 GE 56 (DEGREES) MIND 5.2 1.1 • 5 2.0 NNE . 4 2 . 4 1.0 4.2 6.1 NE 2.0 3.0 3.2 . 5 8.8 5.9 ENE 3.9 . 9 6.2 7.1 . 1 18.2 6.2 ε 3.0 6.0 . 2 7.5 1.5 . 1 . 1 18.5 7.0 ESE 1.7 3 . 3 1.9 • 6 . z . 1 SE 1.3 1.2 . 3 8.7 SSE . 3 1.0 7.2 S 1.0 4.6 8.2 1.1 4.0 6.8 .2 . 5 1.1 3.1 8.0 . 1 . 8 1.8 • 3 • 6 6.7 . 4 . 3 . 3 . 1 1.7 7.3 . 8 . 2 .4 4.3 NM • 1 3.1 NNW SARTABLE CALM 11.0 ///// TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: HOURS (LST): 0900-1100 HONTH: OCT WIND SPEED IN KNOTS 17-21 22-27 28-33 48-55 GE 56 TOTAL ME AN DIRECTION (DEGREES) 7-10 22-27 28-33 34-40 41-47 KIND N 1.8 6.4 1.0 . 4 NNE 4.2 5.8 .4 2.2 1.6 NE 6.9 7.8 . 6 2.0 3.0 . 1 1.1 7.7 ENE 8.2 1.9 15.8 1.1 4 . 6 ε 26.0 7.8 2.4 14.3 3.4 . 1 10.1 ESE 1.4 4.0 3.1 1.3 . 3 7.2 SE . 8 ٠2 . 1 7.6 8.5 2.6 SSE . 8 . 3 . 3 . 1 5.3 1.8 s . 4 2.3 1.6 • 3 2.8 8.7 5 S W . 3 1.0 • 6 . 9 SM 1.7 1.1 . 1 3.4 10.3 . 1 . 4 8.7 WSW .4 . 4 . 9 . 5 - 1 2.4 . 3 . 9 •1 1.7 6.7 UNU . 3 • 2 • 2 . 8 5.0 . 8 3.3 • 3 . 4 . 2 VARIABLE CALM 2.7 111111 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| ITION NUMBER | 1: 912180 | STATION | | | | | | | HONTHE | | HOURSILS | -87 T1: 1200- | 1400 |
|--------------------------|-----------|---------|----------|---------------|---------------|------------------|-----------------|---------------|----------|---------|----------|------------------|-------------|
| DIRECTION ODEGREES) | | 4-6 | 7-10 | | yIN 17-21 | D SPEED 22-27 | IN KNOTS | i . | 41-47 | | GE 56 | TOTAL 2 | ME AN |
| N | .5 | 2.5 | 1.1 | .3 | .1 | | • • • • • • • • | • • • • • • • | ••••• | •••••• | | 4.5 | 6. |
| NNE I | •2 | 1.7 | 2.3 | •2 | • 2 | | | | | | | 4.6 | 7. |
| NE ! | • 3 | 2.4 | 3.8 | 1.1 | .1 | | | | | | | 7.6 | 8. |
| ENE | 1.1 | 3.7 | 6 • 8 | 2.6 | | | | | | | | 14.1 | 8. |
| E | 2,5 | 6 • 8 | 13.3 | 4.1 | .1 | | | | | | | 26.8 | 7. |
| ESE | .9 | 3 • 1 | 2 • 5 | 1.4 | | | | | | | | 7.8 | 7. |
| SE | .5 | 2.9 | 5 • 0 | 1.4 | | •2 | | | | | | 7.1 | в. |
| SSE | • 2 | 2.0 | 2.8 | . 9 | . 6 | . 3 | | | | | | 6.9 | 9. |
| s i | .5 | . 5 | 2 • 2 | 2 • 3 | | .1 | | | | | | 5.6 | 9. |
| SSW | | . 3 | 1.6 | 1.3 | •2 | | | | | | | 3.4 | 10. |
| , sw | •2 | • 6 | . 3 | • 9 | | | | | | | | 2.0 | 9. |
| usu | | . 4 | .9 | • 6 | .1 | | | | | | | 2.0 | 9. |
| ¥ . | •2 | 1.1 | . 5 | • 5 | | | | | | | | 2.4 | 7. |
| WNW ! | .8 | . 4 | . 3 | •2 | | | | | | | | 1.7 | 5. |
| NW | .1 | .1 | | •2 | | | | | | | | . 4 | 8. |
| NNW | .6 | 1.1 | •2 | •1 | | | | | | | | 2.0 | 4. |
| VARIABLE ! | •••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• | • • • • • • |
| CALM ! | | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | 1111111 | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | . 9 | ,,,,, |
| TOTALS | 8.7 | 29.7 | 40.5 | 18 - 1 | 1.5 | .6 | | | | | | 100.0 | 7. |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

MONTH: OCT HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 DIRECTION 7-10 11-16 TOTAL ME AN (DEGREES) 1 MIND ÌN 2.8 1.0 4.6 6.0 NNE 1.4 1.9 . 5 5.5 5.9 NE . 9 3.3 . 5 • 2 . 1 7.4 7.2 ENE 1.5 4 . 2 10.8 1.5 . 2 • 1 E 1.8 7.3 10.2 2.3 • Z 7,3 ESE 2.0 4 - 3 2.2 1.0 5.9 SE 1.6 1.2 6.7 6.6 SSE , 5 . 9 • 2 • 1 8.8 s . 5 . 1 SSW • 3 • 6 1.6 1.5 ٠. . 9 . 6 - 1 9.7 WSW . 1 . 4 • 2 . 8 8.5 M . 9 . 9 7.5 2.6 UNU . 3 • 2 . 1 • 1 9.4 NU • 2 7.9 NNW VARIABLE CALM TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| | | | | | | | | | 25-722 | ar arcan | 0. 70. | | |
|--------------------------|-----------|----------|---------|-------------------|-------------|----------|---|---------|------------------|-----------------|----------|-------------------|---|
| STATION NUMBER | : 912180 | STATION | NAME: | ANDERSEN | AFB GU | Αm | | | PERIOD Month: | OF RECOR | | -8/ (): 1800-: | 2000 |
| | ••••• | ••••• | ••••• | • • • • • • • • | | ND SPEED | | | • • • • • • • • | • • • • • • • • | ••••• | | • |
| DIRECTION ((DEGREES) | | 4-6 | 7-10 | | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL \$ | MI ND ME AN |
| N I | 1,1 | 1.9 | .9 | | .1 | | ••••• | | | •••••• | •••••• | 4.4 | 6.3 |
| NNE I | .8 | . 9 | .4 | .4 | | | | | | | | 2.5 | 6.2 |
| NE ! | 1.7 | 3.2 | 2.3 | | | | | | | | | 7.2 | 5,3 |
| ENE | 4.1 | 8.1 | 8.1 | 1.5 | .1 | . 2 | | | | | | 22.0 | 6.5 |
| E | 4 • 1 | 7.6 | 7 • 4 | 1.6 | | • 5 | | | | | | 21.3 | 6.7 |
| ESE | 1.3 | 2 • 2 | 2.5 | 1.5 | | | | | | | | 7.4 | 7.1 |
| SE | .9 | 1 • 4 | 1.2 | .8 | • 1 | | | | | | | 4.3 | 6.9 |
| \$5E | . 9 | • 5 | . 3 | 1.0 | . 3 | | | | | | | 3.0 | 8.6 |
| s | .5 | 1.3 | 1.8 | 1.5 | . 2 | .1 | | | | | | 5.5 | 9.4 |
| SSW | .6 | 1.1 | 1.9 | . 8 | | | | | | | | 4.4 | 7.9 |
| SW | .8 | - 5 | •5 | . 3 | | | | | | | | 2 • 2 | 6.0 |
| wsw i | .6 | 1.4 | •6 | | | | | | | | | 2.7 | 5.2 |
| v i | .8 | • 8 | .4 | -1 | | .1 | •2 | | | | | 2.4 | 7.9 |
| WNW | .5 | - 1 | . 3 | | • 1 | | | | | | | 1.1 | 6.4 |
| NW | .4 | • 3 | | | • 2 | | | | | | | 1.0 | 7.0 |
| NNW ! | .8 | • 5 | | | | | | | | | | 1.3 | 3.1 |
| VARIABLE) | •••••• | | ••••• | • • • • • • • • • | • • • • • • | ••••• | • | ••••• | • • • • • • • • | ••••• | ••••• | | • • • • • • • • • • • |
| ! | ,,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | 7.4 | 111111 |
| TOTALS | 19.8 | 31 . 8 | 28 • 7 | | 1.2 | | | | | | | 100.0 | 6.2 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC PERIOD OF RECORD: ANDERSEN AFB GUAM 78-87 MONTH: OCT HOURS(LST): 2100-2300 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION ME AN IDEGREES) | WIND 1.0 7.7 NNE . 4 1.0 . 8 . 4 2.6 6.9 NE 6.6 5.2 1.5 3.2 1.8 17.4 ENE 4.1 5 . 3 6.8 1.3 6.3 6.7 ε 2.2 . 3 .2 24.6 5.1 8.7 8.0 ESE 1.7 1.0 . 1 .1 7.5 6.7 1.6 3.0 . 1 5.3 SΕ 1.9 8.0 7.2 SSE 1.3 . 8 1.0 4.2 s 1.7 5.4 7.4 1.2 7.7 1.4 6.9 • 3 . 1 2.2 5.5 1.1 . 4 • 2 1.6 10.9 • 3 . 1 . 1 . 2 1.3 7.3 UNW • 3 1.1 7.9 NW . 3 .1 3.4 VARIABLE 10.4 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

HOURS(LST): MONTH: OCT WIND SPEED IN KNOTS 17-21 22-27 28-27 DIRECTION 22-27 TOTAL ME AN 34-40 48-55 GE 56 IDEGREES! 1.7 . 8 •0 3.4 .0 6.3 NNE . 8 1.1 . 3 1.6 - 1 3.9 6.2 NE 1.4 2.7 . 5 2.7 . 1 . 0 7.3 6.4 ENE 3.0 7.2 1.4 5 - 8 . 1 - 1 •0 17.6 6.7 E 3.4 7.2 9.2 2.3 . 1 • 2 ۰0 •0 22.4 7.0 ESE 1.5 3.0 2.1 1.0 •0 SE 7.7 •0 SSE 1.3 . 8 . 1 .0 8.7 1.5 1.1 . 1 .0 8.7 _ 5 1.0 1.4 -1 . 6 . 8 . 6 •0 .0 . 7 . 3 .0 . 0 . 3 •0 . 1 7.8 .0 .0 5.5 .0 . 9 . 3 . 1 - 1 ۰۵ 5.8 NNW ٠. VARIABLE CALH 7.9 100.0

TOTAL NUMBER OF OBSERVATIONS:

0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| TION NUMBER | 7: 912180 | STATION | NAME: | ANDERSEN | | | | | PERIOD Month: | OF RECOR | | -87 T): 0000- | 0200 |
|-------------|------------|---------|---------|---------------|---------------|---------|-------------------|--------|------------------|----------|---------|------------------|---------------|
| DIRECTION | | 4-6 | 7-10 | 11-16 | WIN | D SPEED | IN KNOTS 28-33 | , | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N | ! | .8 | .7 | .1 | • • • • • • • | ••••• | • • • • • • • • | ••••• | •••••• | ****** | •••••• | 1.6 | 7.2 |
| NNE | .1 | - 4 | .2 | .4 | | | | | | | | 1.2 | 7,8 |
| NE | .• | 1.3 | 5.3 | 1.7 | .1 | | | | | | | 8.9 | 8.5 |
| ENE | 2,1 | 6 - 7 | 14.0 | 8.8 | .1 | •1 | •1 | | | | | 31.9 | 8.7 |
| ε | 2,3 | 8.1 | 15.3 | 4.1 | .3 | •1 | •1 | | | | | 30.4 | 8.0 |
| ESE | ,8 | 2 • 3 | 4.2 | 1.3 | | | | | | | | 8.7 | 7.5 |
| SE | .7 | 1.4 | 1.8 | 1.1 | .1 | | | | | | | 5.1 | 7.6 |
| SSE | | . 4 | 1.3 | •6 | .1 | | | | | | | 2.4 | 9.4 |
| s | •1 | • 3 | .1 | •2 | -1 | | | | | | | .9 | 9.0 |
| SSW | •1 | • 1 | •2 | | | •2 | | | | | | .7 | 12.5 |
| sw | -1 | • 5 | •1 | • 3 | .1 | -1 | | | | | | 1.0 | 11.0 |
| usu | | .1 | .1 | •2 | | | | | | | | | 10.3 |
| w | • 2 | | • 2 | | | | | | | | | .4 | 5.3 |
| unu . | • 2 | | •2 | | | | | | | | | .4 | 5.0 |
| NV | | | .1 | | | | | | | | | . 1 | 10.0 |
| NNU | | | •5 | •2 | | | | | | | | | 11.8 |
| VARIABLE | ******* | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | | •••• | ••••• | ••••• | •••••• | ••••• |
| CALM | 1111111111 | ,,,,,,, | 1111111 | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,, | ,,,,,,, | .,,,,,,, | ,,,,,,, | 5.3 | 11111 |
| TOTALS 1 | 7.2 | 22 • 3 | 44.2 | 19.1 | 1.0 | •6 | .2 | | | | | 100.0 | 7.9 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-87
MONTH: NOV HOURS(LST): 0300-0500 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| ************ | | • • • • • • • | ••••• | • • • • • • • | | n spffn | IN KNOTS | • • • • • • • | • | • • • • • • • • | ••••• | ••••• | ••••• |
|--------------------------|--------|---------------|----------|---------------|-----------------|----------|---|---------------|---|-----------------|-----------------|------------|---|
| DIRECTION (IDEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL * | ME AN Wind |
| N | •1 | . 3 | .7 | . 3 | • • • • • • • • | ••••• | • • • • • • • • • | ••••• | ••••• | ••••• | ••••• | 1.4 | 7.9 |
| NNE | •2 | . 4 | .7 | .1 | | | | | | | | 1.4 | 6.2 |
| NE | . 3 | 1.7 | 5.0 | 3.0 | | | | | | | | 10.0 | 8.9 |
| ENE | 2.1 | 6 • 6 | 14.3 | 8.8 | •1 | | | | | | | 31.9 | 8.5 |
| Ε | 2.1 | 9.3 | 11.8 | 4.4 | -1 | | •1 | | | | | 27.9 | 7.7 |
| ESE | 1.6 | 2 • 7 | 4.2 | 1.3 | -1 | | •2 | | | | | 10.1 | 7.9 |
| SE | • 3 | 1.1 | 1.0 | 1.2 | •1 | | | | | | | 3.8 | 8.3 |
| SSE | •1 | • 8 | 1.3 | 1.0 | • 1 | | | | | | | 3.3 | 9.4 |
| s | •1 | • 3 | • 2 | • 2 | | | | | | | | .9 | 7.6 |
| SSW | •1 | | •2 | | | •1 | | | | | | . 4 | 11.0 |
| SW [| -1 | • 2 | •1 | -1 | • 2 | •1 | .1 | | | | | 1.0 | 14.1 |
| usu | •2 | • 2 | | | | | | | | | | . 4 | 3.6 |
| v | •1 | • 1 | •1 | .1 | | | | | | | | . 4 | 6.8 |
| WWW (| •1 | | | | | | | | | | | .1 | 1.0 |
| NU | •1 | | . 1 | . 3 | | | | | | | | .6 | 9.6 |
| שאא ! | | | | •2 | | | | | | | | •2 | 15.0 |
| VARIABLE ! | •••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • | • • • • • • • | •••••• | ••••• | • • • • • • • • | ••••• | • |
| CALH I | | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | ,,,,,,,, | 6.0 | ,,,,,, |
| TOTALS | 7,8 | 23.8 | 39.8 | 21.2 | .8 | •2 | .4 | | | | | 100.0 | 7.8 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 HONTH: NOV HOURS(LST): D600-0800

| ••• | | ••••• | ••••• | • • • • • • • • | | | IN KNOT | 5 | • • • • • • • | • • • • • • • | • • • • • • • | ******** | • • • • • • • • • • • |
|--------------|--------------------------------------|---------------|----------|-----------------|---------------|-------------|-------------------|-----------------|---------------|---------------|---------------|----------|-------------------------|
| DIRECTION | 1 -3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | MI ND ME AN |
| N | .2 | 1.0 | 1.2 | .2 | ••••• | | | | ••••• | ••••• | ••••• | 2.7 | 6.9 |
| NNE | | . 4 | 1.4 | -1 | | | | | | | | 2.0 | 7.8 |
| NE | •2 | 1.0 | 3.6 | 1.7 | . 3 | | | | | | | 6.8 | 9.4 |
| ENE | 1.9 | 5.7 | 12.7 | 9.4 | •2 | | | | | | | 29.9 | 8.9 |
| E | 1.8 | 9.0 | 16.2 | 5.6 | • 1 | | | | | | | 32.7 | 7.8 |
| ESE | 1.0 | 2.4 | 3.2 | 1.6 | | | | | | | | 8.2 | 7.2 |
| SE | .3 | 2 • 2 | 2 . 3 | 1.1 | .3 | | | | | | | 6.3 | 8.0 |
| SSE | • 2 | • 8 | .7 | 1.9 | .1 | | | | | | | 3.7 | 10.2 |
| s | .3 | • 6 | .1 | -1 | | | | | | | | 1.1 | 5.1 |
| SSW | •1 | • 2 | .4 | | | | | | | | | .8 | 6.6 |
| SW | •1 | | | -1 | .4 | | | | | | | . 7 | 16.3 |
| WSW | | • 1 | •1 | | •1 | | | | | | | . 3 | 10.0 |
| u | •1 | | .3 | | | | | | | | | .4 | 6.0 |
| WNW | | • 1 | • 2 | | | | | | | | | . 3 | 8.0 |
| NW | | | | • 3 | | | | | | | | . 3 | 12.7 |
| NNW | | | | •1 | | | | | | | | -1 | 12.0 |
| VARIABLE | ************************************ | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • • • | •••••• | • • • • • • • | ••••• | ••••• | •••••• | • • • • • • • • • • • • |
| | | ,,,,,,, | ,,,,,,,, | ,,,,,,,, | | 1111111 | ///////// | /////// | ,,,,,,,, | ,,,,,,,, | /////// | 3.7 | 111111 |
| TOTALS | 6.3 | 23.6 | 42.6 | 22.2 | 1.7 | | | | | | | 100.0 | 8.0 |
| ************ | | | ••••• | | | • • • • • • | • • • • • • • • | • • • • • • • • | | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • • • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

| A15190 | STATION | NAME : | ANDERSEN | AFB GU | M | | | | | | | 1100 |
|----------|---------|--|---|--|--|---|--|-----------------|---------------|--------------------------|-------------------------------|---|
| 1-3 | 4-6 | 7-10 | 11-16 | | ID SPEED | IN KNOT 28-33 | \$ 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| .2 | ,7 | .,, | .6 | • • • • • • • | •••••• | ••••• | • • • • • • | • • • • • • • • | •••••• | ••••••• | 2.3 | 8.0 |
| .3 | • 6 | 1.8 | .6 | | | | | | | | 3.2 | 8.2 |
| .* | • 6 | 2.6 | 2.1 | • 2 | | | | | | | 5.9 | 9.8 |
| . 9 | 2 • 4 | 11.4 | 12.2 | . 7 | | | | | | | 27.7 | 10.3 |
| 1.0 | 6.0 | 16 ,4 | 11.3 | •2 | | | | | | | 35.0 | 9.1 |
| . 2 | 3.6 | 4.9 | 5.2 | | | | | | | | 10.9 | 8.2 |
| .• | 1.3 | 3.3 | 1.8 | •1 | | | | | | | 7.0 | 8.7 |
| | • 8 | 1.6 | 1.0 | •4 | | | | | | | 3.8 | 10-1 |
| | | .7 | •1 | -1 | | | | | | | .9 | 10.6 |
| | • 2 | | •2 | | | | | | | | .4 | 8,8 |
| | | •2 | | • • | -1 | | | | | | . 8 | 16.6 |
| | . 1 | •2 | • 2 | | | | | | | | . 6 | 10.8 |
| | | . 3 | •2 | | | | | | | | .6 | 9.8 |
| | | | •3 | | | | | | | | .3 | 14.3 |
| | | | | | | | | | | | | |
| | . 1 | | | | | | | | | | -1 | 6.0 |
| | ••••• | ••••• | • • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | ******* | • • • • • • • | •••••• | ••••• | • • • • • • • • • • |
| ,,,,,,,, | ,,,,,,, | ////// | ,,,,,,,,, | /////// | ,,,,,,, | //////// | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | . 6 | 111111 |
| 3,6 | 16.3 | 44.3 | 32.9 | 2.2 | •1 | | | | | | 100.0 | 9.4 |
| | 1-3 | 1-3 4-6 .2 .7 .3 .6 .4 .6 .9 2.4 1.0 6.0 .2 3.6 .4 1.3 .8 .2 .1 | 1-3 4-6 7-10 -2 ,7 ,9 .3 .6 1.8 .4 .6 2.6 .9 2.4 11.4 1.0 6.0 16.4 .2 3.6 4.9 .4 1.3 3.3 .8 1.6 .7 .2 .1 .2 .1 | 1-3 4-6 7-10 11-16 .2 ,7 ,9 ,6 .3 ,6 1.8 ,6 .4 ,6 2.6 2.1 .9 2.4 11.4 12.2 1.0 6.0 16.4 11.3 .2 3.6 4.9 2.2 .4 1.3 3.3 1.8 .8 1.6 1.0 .7 ,1 .2 ,2 .1 ,2 ,2 .3 ,2 .1 ,2 ,2 .3 ,2 .3 ,2 | 1-3 4-6 7-10 11-16 17-21 -2 .7 .9 .6 .3 .6 1.8 .6 .4 .6 2.6 2.1 .2 .9 2.4 11.4 12.2 .7 1.0 6.0 16.4 11.3 .2 .2 3.6 4.9 2.2 .4 1.3 3.3 1.8 .1 .8 1.6 1.0 .4 .7 .1 .1 .2 .2 .2 .3 .2 .3 .1 .1 .1 .2 .2 .2 .3 .2 .3 .1 | 1-3 4-6 7-10 11-16 17-21 22-27 -2 ,7 ,9 ,6 -3 ,6 1.8 ,6 -4 ,6 2.6 2.1 ,2 -9 2.4 11.4 12.2 ,7 1.0 6.0 16.4 11.3 ,2 -2 3.6 4.9 2.2 -4 1.3 3.3 1.8 ,1 -8 1.6 1.0 ,4 -7 ,1 ,1 -2 ,2 -2 ,4 ,1 -1 ,2 ,2 -3 ,2 -3 ,2 -3 ,2 -3 ,2 -3 ,2 -3 ,4 ,3 32.9 2.2 ,1 | #IND SPEED IN KNOT 1-3 4-6 7-10 11-16 17-21 22-27 28-33 -2 .7 .9 .6 -3 .6 1.8 .6 -4 .6 2.6 2.1 .2 -9 2.4 11.4 12.2 .7 1.0 6.0 16.4 11.3 .2 -2 3.6 4.9 2.2 -4 1.3 3.3 1.8 .1 -8 1.6 1.0 .4 -7 .1 .1 -2 .2 -2 .4 .1 -1 .2 .2 -3 .2 -3 .3 -1 | 1-3 | MONTHS 1-3 | #IND SPEED TN KNOTS 1-3 | ## MONTH: NOV HOURS (LST 1-3 | NONTH: NOV HOURSILSTY: 0900- 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL 2.3 3 6 1.8 6 2.6 2.1 .2 5.9 4 6 2.6 2.1 .2 5.9 4 2.4 11.4 12.2 .7 27.7 1.0 6.0 16.4 11.3 .2 35.0 2.2 3.6 4.9 2.2 10.9 4 1.3 3.3 1.8 .1 7.0 8 1.6 1.0 .4 3.8 7.0 .2 3.6 4.9 2.2 6.4 1.1 2 .2 6.4 1.1 2 .2 6.4 1.1 2 .2 6.5 1.1 2 6.5 1.1 6.6 1.0 .4 6.7 1.1 6.7 6.8 1.6 1.0 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 1.1 6 1.0 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | 912180 | STATION | NAME : | ANDERSEN | AFB GU | AM | | | PERIOD Month: | OF RECOR | D: 78- HOURS(LS1 | | 1400 | |
|--------------------------|---------------------------------------|-----------|--------|-------------------|---------------|-----------------|-------------------|-------------|-------------------|-----------------|---------------------|------------|-------------------|-----|
| ************ | · · · · · · · · · · · · · · · · · · · | ••••• | ••••• | • • • • • • • • | | | IN KNOTS | | • • • • • • • • | • • • • • • • • | •••••• | ••••• | • • • • • • • • • | • • |
| OIRECTION ((DEGREES) | | 4-6 | 7-10 | 11-16 | | | | | 41-47 | 48-55 | GE 56 | TOTAL 2 | ME AN WIND | |
| N | ,4 | .7 | . 8 | • 6 | • • • • • • • | • • • • • • • | • • • • • • • • • | • • • • • • | • • • • • • • • • | , | | 2.4 | 7,6 | • • |
| NNE | • 2 | • 8 | 2.0 | •• | | | | | | | | 3.4 | 8.2 | |
| NE | .• | 1 - 3 | 2.2 | 2.1 | . 3 | | | | | | | 6.4 | 9.5 | |
| ENE | .6 | 2 . 8 | 9 • 1 | 12.6 | .4 | -1 | | | | | | 25.6 | 10.5 | |
| £ | 1.2 | 5 • 7 | 18.9 | 11.0 | | | | | | | | 36.8 | 9.1 | |
| ESE | ٠, | 2.9 | 5.7 | 1.9 | | | | | | | | 10.9 | 8.1 | |
| SE | •3 | 1.0 | 2.8 | 1.4 | | | | | | | | 5.6 | 9.0 | |
| SSE | •1 | 1.0 | 5 • 0 | 1.0 | | | | | | | | 4.1 | 8.5 | |
| s | | • 2 | .* | • • | .1 | .1 | •1 | | | | | 1.4 | 13.7 | |
| SSW | | | . 4 | •1 | .2 | | | | | | | . 8 | 12.1 | |
| SW | | | | •2 | • 3 | | | | | | | .6 | 17-2 | |
| usu i | | | | •2 | | | | | | | | • 2 | 14,5 | |
| u |] | • 2 | •2 | .4 | | | | | | | | .9 | 9.6 | |
| 9N9 |] | • 1 | | •2 | •1 | | | | | | | • • | 12.3 | |
| | ! } | | | | | | | | | | | | | |
| NNU I | <u> </u> | • 2 | •2 | | | | | | | | | . • | 6.8 | |
| VARIABLE 1 | ······ | ••••• | ••••• | • • • • • • • • • | • • • • • • | • • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • • • | • • |
| CALH | ,,,,,,,, | ,,,,,,,,, | ////// | ,,,,,,,, | 111111 | ,,,,,,, | ,,,,,,,, | ,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | | 111111 | |
| TOTALS | 3,6 | 16.9 | 44 . 8 | 32.7 | 1.6 | .2 | •1 | | | | | 100.0 | 9.4 | ; |
| | • • • • • • • • • | | | | | | | | | | | | • • • • • • • • | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

MONTH: NOV

78-87

HOURS(LST): 1500-1700

AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION TOTAL ME AN WIND (DEGREES) 1 * 8.2 . 8 . I . 2 1.7 - 6 3.2 7.7 HNE 1.1 1.3 . 4 . 1 • 2 NE . 1 9.1 8.5 . 4 2.3 3.9 2.3 ENE 2.0 3.2 12.4 13.1 . 3 31.1 9.7 Ε 17.0 . 2 31.6 8.1 ESE . 7 4.2 9.3 7.7 2.7 1.8 SE 5.2 7.9 2.1 1.2 . 1 1 . 8 . 9 SSE . 4 1.1 2.8 8.2 • 3 s . 4 . 3 . 2 • 2 1.6 • 2 11.1 .2 1.0 SSW • 3 . 1 .2 • 1 8.3 . 2 . 1 .2 - 1 . 8 12.6 • 2 12.5 . 1 . 3 • 1 .6 9.4 . 1 . 2 10.0 . 1 NNW .3 5.9

TOTAL NUMBER OF OBSERVATIONS:

VARIABLE CALH

TOTALS

100.0

0

C

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME:

PERIOD OF RECORD: HONTH: NOV HOURS(LST): 1800-2000 WIND SPEED IN KNOTS 17-21 22-27 2P---DIRECTION TOTAL 7-10 IDEGREES! MIND N ... 9.4 .6 NNE .6 . 4 1.3 . 3 • 1 2.8 7.2 NE 10.3 2.1 7.9 1.0 2.0 5.2 ENE 15.4 9.1 • 2 . 1 32.6 8.8 Ε 2.1 7.9 16.1 4.7 . 1 . 1 31.0 7.9 ESE 1.0 SE 1.3 • 6 . 4 s . 2 . 3 •1 . 3 8,5 • 7 SSW . 1 . 2 8.8 SW • 1 . 3 . 1 . 1 . 2 . 1 8.0 . 1 . 2 9.0 . 1 . 1 7.2 . 1 . 3 NNW VARIABLE CALM 3.0 TOTALS 100.0

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78-87

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

MONTH: NOV

DRD: 78-87 Hours(Lst): 2100-2300

AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

WIND SPEED IN KNOTS DIRECTION GE 56 TOTAL ME AN 7-10 28-33 34-40 48-55 (DEGREES) 1 MIND 8.0 . 1 1.1 • 1 . 8 NNE . 3 .6 2.0 8.6 . 1 • 3 • 7 NE . 3 1 • 6 4.9 1.6 . 1 8.4 8.5 ENE 9.2 . 3 35.0 8.9 £ 3,6 6.0 •1 • 2 34.2 7.9 6.9 2.8 8.3 SE 3.8 8.3 1.3 _6 1.0 SSE . 1 . 8 2.7 10.8 S . 3 1.2 5,5 SSW . 2 . 1 • 1 12.8 ٠2 14.0 . 1 7.7 **WSW** .1 . 1 . 3 . 1 .2 . 1 . 3 11.0 . 3 . 1 .1 14.4 UNU NW . 1 . ! 7.0 8.0

TOTAL NUMBER OF OBSERVATIONS: 900

VARIABLE CALH

C

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0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 MONTH: NOV HOURS(LST): STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM ALL

| 1. 5. 7. 2. | 6 7-10 .6 1. .6 1. .5 4. 5.0 12. 7.6 16. 1.4 2. .7 1. .4 . | 1 .4 1 2.1 9 10.4 0 6.6 0 1.6 0 1.3 1 1.0 | .0 .0 .2 .3 .2 .0 | .0 | ************************************** | 34-40 | 41-47 | 48-55 | GE 56 | 1.9 2.4 8.2 30.3 32.4 9.0 5.2 3.2 | 7.8 7.8 8.8 9.2 9.3 7.8 8.3 |
|----------------------------|--|---|----------------------------------|----|--|-------------------|-------|-------|---------|--|---|
| 1. 5. 7. 2. | .6 1.1 1.5 4.1 5.0 12.1 7.6 16.1 2.6 4.1 1.4 2.1 | 1 .4 1 2.1 9 10.4 0 6.6 0 1.6 0 1.3 1 1.0 | .0 .2 .3 .2 .0 .1 | .0 | •0 •0 | | | | | 2.4 8.2 30.3 32.4 9.0 5.2 | 7.8 8.8 9.2 8.3 7.8 8.3 |
| 1. 5. 7. 2. 1. | 1.5 4.5 5.0 12.6 7.6 16.1 2.6 4.1 1.4 2.1 | 1 2.1 9 10.4 0 6.6 0 1.6 0 1.3 1 1.0 | .2 .3 .2 .0 .1 .2 .1 | .0 | •0 •0 | | | | | 8.2 30.3 32.4 9.0 5.2 | 8.8 9.2 9.3 7.8 8.3 |
| 5. 7. 2. 1. | 5.0 12.4 7.6 16.4 2.6 4.4 1.4 2.4 | 9 10.4 0 6.6 0 1.6 0 1.3 1 1.0 | .3 .2 .0 .1 .2 | •1 | •0 •0 | | | | | 30.3 32.4 9.0 5.2 | 9.2 8.3 7.8 8.3 |
| 7. 2. 1. | 7.6 16.0 2.6 4.0 1.4 2.0 .7 1.0 | 0 6.6 0 1.6 0 1.3 1 1.0 | .2 .0 .1 .2 .1 | •1 | •0 •0 | | | | | 32.4 9.0 5.2 | 5.3 7.8 8.3 |
| 2 · 1 · | 2.6 4.6 1.4 2.6 .7 1.6 | 1.6 0 1.3 1 1.0 3 .2 | .0 .1 .2 .1 | | •0 | | | | | 9.0 5.2 | 7.8 8.3 |
| 1. | 1.4 2.6 | 0 1.3 1 1.0 3 .2 | •1 •2 •1 | .1 | | | | | | 5.2 | 8.3 |
| • | .7 1. | 1 1.0 | .2 | •1 | •0 | | | | | | |
| • | .4 . | 3 .2 | •1 | .1 | •0 | | | | | 3.2 | 9.3 |
| | | | | -1 | •0 | | | | | | |
| | •1 •: | ? .1 | _ | | | | | | | 1.2 | 9.1 |
| | | | • 1 | •1 | | | | | | .6 | 9.9 |
| • | •1 • | 1 .2 | •2 | .1 | •0 | | | | | . 8 | 14.3 |
| | •1 • | 1 .1 | .0 | | | | | | | .4 | 9.2 |
| | .1 .: | 2 .2 | | | | | | | | .5 | 8.5 |
| • | •1 | 1 -1 | .0 | | •0 | | | | | .4 | 9.7 |
| | •1 | 0 •1 | | | | | | | | .1 | 10.3 |
| | •1 | 1 .1 | | | | | | | | . 3 | 8.4 |
| | | • • • • • • • • | | | | • • • • • • • • • | ••••• | ••••• | ••••• | ••••• | |
| | | | | | | | | | ,,,,,,, | 1.0 | |
| | | ,,,,,,,,,, | | | | | | | | | 8.4 |
| | •••• | | | | | | | | | | 20.9 43.1 24.7 1.3 .3 .1 100.0 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(LST): 0000-0200

| ********** | ! | ••••• | • • • • • • • • • | • • • • • • • • | | ND SPEED | | | | ••••• | ••••• | | • • • • • • • • • • • • |
|------------|---------------------|--------|-------------------|-----------------|-------|-----------------|---|---|---------------|---------------|----------|---|-------------------------|
| DIRECTION | 1-3 | 4 -6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | M I ND |
| N | | . 1 | •6 | .4 | ••••• | ••••• | • • • • • • • • | • | ••••• | •••••• | | 1.2 | 10.8 |
| NNE | •2 | . 3 | 1.2 | -8 | • 1 | | | | | | | 2.6 | 9.5 |
| NE | | 1.7 | 3.0 | 1.6 | -1 | | | | | | | 6.5 | 8.8 |
| ENE | 1.7 | 5.4 | 11.8 | 7.0 | •3 | .1 | | | | | | 26.3 | 8.7 |
| £ | 2.4 | 7.8 | 20.9 | 7.6 | • 2 | | | | | | | 38.9 | 8.4 |
| ESE | 1.7 | 3 • 5 | 5.3 | 1.8 | | | | | | | | 12.4 | 7.3 |
| SE | ,5 | .9 | 1.5 | 1.5 | •2 | | | | | | | 4.6 | 9.4 |
| SSE | .5 | - 3 | .4 | •5 | •2 | | | | | | | 2.0 | 8.8 |
| s | .5 | . 3 | •5 | | | | | | | | | 1.4 | 5.5 |
| SSW | .3 | | | •2 | | | | | | | | .5 | 6.0 |
| SW | .2 | • 1 | | -1 | .1 | | | | | | | .5 | 8.0 |
| wsw | .1 | | | | | . 1 | | | | | | • 2 | 12.0 |
| w | | | | | | | | | | | | | |
| WNW | •1 | | | | | | | | | | | • 1 | 3.0 |
| NW | | | .1 | .1 | | | | | | | | • 2 | 10.0 |
| NNW | | | | .1 | | | | | | | | • 1 | 11.0 |
| VARIABLE | ••••• | ••••• | | • • • • • • • | ••••• | ••••• | • | • • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • | • • • • • • • • • • • • |
| CALH | ,,,,,,,,, | | | | | | | | | | | 2.5 | |
| İ | l | | | | | | | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | | 111111 |
| TOTALS | 8.4 | 20 • 5 | 45.4 | 21.8 | 1.3 | •2 | | | | | | 100.0 | 8.2 |
| | • • • • • • • • • • | | | | | • • • • • • • • | | | | • • • • • • • | | | • |

PERCENTAGE-FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | R: 912180 | STATION | I NAME: | ANDERSEN | AFB GU | M | | | PERIOD (| OF RECOR | | -87 []: 0300- | 0500 |
|---------------------|---|---------------|---------|-------------------|-------------|-------------------|-----------------|---------------|-----------------|-----------------|-----------------|---|---|
| ********** | · • • • • • • • • • • • • • • • • • • • | | ***** | • • • • • • • • • | | ••••• | | | | | | | |
| DIRECTION (DEGREES) | | 4 -6 | 7-10 | | 17-21 | 40 SPEE0 22-27 | | | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND |
| N | | .1 | .5 | 2 | -1 | •••••• | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | • • • • • • • • | ••••••••••••••••••••••••••••••••••••••• | • • • • • • • • • • • • • |
| ., | i | • • | • 5 | • 2 | • 1 | | | | | | | 1.3 | 8 • 8 |
| NNE | i .1 | . 3 | 2.3 | 1.1 | •1 | | | | | | | 3.9 | 9 • 8 |
| NE | ! .4 1 | 1.9 | 2.5 | 1.6 | | | | | | | | 6.5 | 8.2 |
| ENE | 1.1 | 5 • 6 | 11.8 | 6.0 | | • 2 | | | | | | 24.7 | 8.6 |
| E | 1 2,8 | 7.3 | 22.6 | 7.4 | | | | | | | | 40.1 | 8.2 |
| E S E | 1.5 | 3 • 5 | 3.7 | 1.3 | | | | | | | | 10.0 | 6.9 |
| SE | .8 | 1.2 | 1.3 | 1 • 2 | •5 | | | | | | | 4.6 | 8.3 |
| 326 | .3 | • 5 | .9 | • 1 | • 3 | | | | | | | 2.2 | 8.3 |
| S |) .5 | • 3 | -6 | | | | | | | | | 1.5 | 5.0 |
| SSW | •1 | | • 3 | •2 | •1 | | | | | | | . 8 | 11.3 |
| SW | • 2 | | | | | | | | | | | • 2 | 1.5 |
| WSW | ! ! | | | | | | | | | | | | |
| W | ! | | | | | | | | | | | | |
| WNW | | •1 | | | | | | | | | | . 1 | 4.0 |
| Nu | | | | .3 | | | | | | | | .3 | 12.7 |
| NN¥ | | | | | | | | | | | | | |
| VARIABLE | | • • • • • • • | ••••• | • • • • • • • • | • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • • | • • • • • • • | •••••• | ••••• | • |
| CALH | 111111111 | ,,,,,,, | ,,,,,,, | 11111111 | ,,,,,,, | ,,,,,,,, | | /////// | ,,,,,,,, | 11111111 | ,,,,,,, | 3.9 | ///// |
| TOTALS | 8.2 | 21.0 | 46.5 | 19.5 | •9 | • 2 | | | | | | 100.0 | 7.9 |
| | | ••••• | ***** | | | | | • • • • • • • | •••• | | | | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HOURS(LST): 0600-0800 MONTH: DEC WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION 48-55 GE 56 TOTAL 7-10 (DEGREES) WIND 7.8 . 9 . 2 . 1 NNE . 8 . 3 1.6 1.2 4.1 9.1 9.3 NE . 4 2.2 . 4 1.4 2.5 ENE . 2 - 1 24,4 9.0 5.4 10.9 6.8 1.1 E 8.9 1.4 - 1 38.7 7.1 20.0 9.9 . 2 10.8 ESE 3.5 4.8 2.0 8.1 SE . 3 7.2 SSE 1.0 . 9 . 3 . 1 9.9 s . 6 . 3 . 1 5.6 . 2 12.3 SSW - 1 . 1 2.0 . 1 SW . 1 WNW 3.0 13.0 4.0 NNW . 1 CALM 3.5 TOTALS 100.0 8.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: MONTH: DEC HOU ORD: 78-87 Hours(LsT): 0900-1100

| ********** | | • • • • • • • | ••••• | • • • • • • • • | uIN | D SPEED | IN KNOTS | ••••• | • • • • • • • • | • • • • • • • • | • • • • • | • • • • • | • • • • • • • | • • • • • • • • | •••• |
|------------|------------|---------------|----------|-----------------|---------------|----------|-----------------|-----------------|-----------------|-----------------|-----------|-----------|---------------|-----------------|------|
| DIRECTION | 1 -3 | 4~6 | 7-10 | 11-16 | 17-21 | | 28-33 | 34-40 | 41-47 | 46-55 | GE S | 56 1 | TOTAL | ME AN Wind | |
| N | , 3 | • 2 | 1.1 | .3 | | | • • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • | ••••• | • • • • • | 1.9 | 8.1 | |
| NNE | •2 | • 6 | 1.6 | 1.2 | -1 | •1 | | | | | | | 3.9 | 9.9 | |
| NE | . 3 | 1.2 | 2.5 | 2.0 | . 1 | | | | | | | | 6.1 | 9.3 | |
| ENE | -1 | 1.7 | 9.9 | 9.7 | .4 | •1 | | | | | | | 21.9 | 10.6 | : |
| E | • 3 | 4.9 | 21.3 | 13.4 | •2 | | | | | | | | 40.2 | 9.7 | : |
| ESE | , 3 | 2.9 | 6 • 1 | 2.6 | . 3 | •1 | | | | | | | 12.4 | 8.9 | |
| SE | • 3 | 2.0 | 2.9 | 1.7 | | | | | | | | | 7.0 | 8.4 | |
| SSE | | 1.1 | 2.0 | 1.0 | •2 | | | | | | | | 4.3 | 9.4 | |
| s | | •1 | •6 | .2 | •2 | | | | | | | | 1.2 | 10.6 | |
| SSW | | | . 1 | | •1 | | | | | | | | • 2 | 12.5 | |
| SW | | • 1 | | | | | | | | | | | - 1 | 6.0 | |
| WSW | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | |
| WNW | | | | .1 | •2 | | | | | | | | • 3 | 17.0 | |
| NW | | | | | | | | | | | | | | | |
| NNW | •1 | | | | | | | | | | | | • 1 | 3.0 | |
| VARIABLE | •••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • | • • • • • | • • • • • • | • • • • • • • | •••• |
| | 1111111111 | 1111111 | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | //////// | | .,,,,,,,, | | (////// | ,,,,, | ,,, | . 3 | 111111 | |
| TOTALS | 2.0 | 14.9 | 48.2 | 32.3 | 1.9 | •3 | | , , | , , | , , | | • | 100.0 | 9.6 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

| STATION NUMBER | R: 912180 | STATION | NAME: | ANDERSEN | AFB GUA | М | | | PERIOD MONTH: | OF RECOR | | -87 T): 1200- | 1400 | , |
|---------------------|-----------|---------|---------|----------|---------------|---------|-------------------|---------------|------------------|----------|----------|------------------|-----------------|-------|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | wIN 17-21 | D SPEED | IN KNOTS 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN WIND | ••• |
| N | ! | . 8 | .4 | .5 | • • • • • • • | | • • • • • • • • | • • • • • • • | ****** | •••••• | •••••• | 1.7 | 8.7 | ••• |
| NNE | .1 | 1.0 | 1.9 | .9 | | | | | | | | 3.9 | 8.7 | |
| NE | ! | 1.0 | 3.3 | 2.6 | • 2 | -1 | | | | | | 7.2 | 10-2 | |
| ENE | .2 | 1.4 | 10.1 | 8.0 | .5 | | | | | | | 20.2 | 10.3 | |
| E | .2 | 4.6 | 21 • 1 | 15.8 | .6 | | | | | | | 42.4 | 9,9 | |
| ESE | .1 | 2.2 | 6 . 8 | 2.0 | •2 | | | | | | | 11.3 | 8,9 | |
| SE | ٠. | 1.5 | 3.0 | 1.2 | | | | | | | | 6.1 | 8.4 | |
| SSE | | . 9 | 1.6 | 1.5 | | | | | | | | 4 - 1 | 9,7 | |
| s | ! | . 2 | .8 | •1 | •1 | | | | | | | 1.2 | 9,3 | |
| SSW | ! | • 2 | | .3 | .1 | | | | | | | .6 | 11.2 | |
| SW | ! | . 1 | | | | | | | | | | •1 | 6.0 | ; |
| WSW | <u>.</u> | | | | | | | | | | | | | : |
| ¥ | : | | | | | | | | | | | | | |
| WNW | ! | | •1 | | •2 | •1 | | | | | | .4 | 17.3 | |
| NW | ! | . 1 | | | | | | | | | | -1 | 4.0 | : |
| NNW | | . 1 | •1 | | •1 | | | | | | | • 3 | 10.7 | i |
| VARIABLE | ! | ••••• | ••••• | •••••• | • • • • • • | ••••• | ••••• | • • • • • • | • • • • • • • | ****** | ••••• | ••••• | • • • • • • • • | • • • |
| CALM | | /////// | 1111111 | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | • 3 | 111111 | |
| TOTALS | 1.2 | 14.0 | 49.2 | 32.9 | 2.2 | .2 | | • | | | | 100.0 | 9,7 | į |
| | 1 | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

AIR WEATHER SERVICE/MAC

0

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

HONTH: DEC HOURS(LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION TOTAL ME AN 48-55 GE 56 (DEGREES) WIND .4 .6 1.7 8.6 . 3 NNE 2.3 . 8 3.8 8.8 . 8 NE 4.7 9.5 9.7 2.8 1.5 ENE 3.0 12.6 7.0 .5 23.4 9.6 • 3 Ε 21.8 . 3 40.1 1.0 7.0 10.0 9.0 ESE 9.5 7.7 2.2 5.1 1.4 SE 2.5 8.5 SSE • 5 1.0 . 1 3.2 9.0 • 2 5 .2 7.5 SSW 9.6 • 3 . 8 SW . 1 2.0 • 1 WSW . 1 1.0 .2 • 5 11.2 WNW . 1 23.0 NW 10.0 VARIABLE CALM 9.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAH

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 1800-2000

| | | | | | | | | | HOM I M. | DEC | 400K21F2 | 11. 1000- | 2000 |
|--------------------------|-----------------|-------------|----------|---------------|----------------|------------------|---|---------|----------|---------|----------|------------|-----------------|
| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | y I N 17-21 | 0 SPEED 22-27 | IN KNOTS 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL 3 | ME AN WIND |
| N [| .2 | • 2 | .4 | .3 | • • • • • • • | ••••• | ••••• | ••••• | | •••••• | •••••• | 1.2 | 8.5 |
| NNE , | •1 | . 1 | .9 | 1.2 | | | | | | | | 2.3 | 10.8 |
| NE | • 2 | 2.0 | 4.6 | 1.5 | . 3 | | | | | | | 8.7 | 8.6 |
| ENE | 1.3 | 6 • 5 | 14.1 | 6.3 | .5 | . 3 | | | | | | 29.0 | 8.9 |
| E | 2 • 2 | 9.0 | 19.7 | 7.5 | . 3 | | | | | | | 38.7 | 8.3 |
| ESE | 1.0 | 3 • 7 | 3.8 | .9 | •2 | .1 | | | | | | 9.6 | 7.2 |
| SE | •2 | 1.1 | 2.0 | -8 | .1 | | | | | | | 4.2 | 8.4 |
| SSE | • 3 | . 4 | .3 | .5 | | | | | | | | 1.6 | 8.1 |
| s | •3 | • 6 | .5 | | | | | | | | | 1.5 | 5.1 |
| ssw i | .3 | • 1 | • 3 | -1 | | | | | | | | .9 | 5.9 |
| SW | | | | | | | | | | | | | |
| WSW ! | | • 1 | | | | | | | | | | .1 | 5.0 |
| u j | | | | | -1 | •2 | | | | | | . 3 | 23.7 |
| UNV | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNU | | | | .3 | | | | | | | | . 3 | 12.7 |
| VARIABLE ! | • • • • • • • • | • • • • • • | ****** | • • • • • • • | • • • • • • • | ••••• | • | ••••• | ••••• | ••••• | ••••• | •••••• | • • • • • • • • |
| CALM | ,,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | //////// | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 1.6 | 111111 |
| TOTALS | 6.1 | 23.9 | 46.7 | 19.5 | 1.6 | . 6 | | | | | | 100.0 | 8.3 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 HOURS(LST): 2100-2300 MONTH: DEC WIND SPEED IN KNOTS 17-21 22->7 ----ME AN WIND TOTAL DIRECTION (DEGREES) 7-10 N 9.9 . 4 . 3 NNE • 9 2.0 9.8 . 3 .8 9.7 NE 1.1 4.0 1.1 ٠6 ENE 28.8 8.8 40.4 ε 8.2 20.4 8.0 . 2 10.0 ESE 7,6 SE SSE . 2 8.5 \$, 5 . 3 5.5 . 3 6.8 SSH • 3 17.0 . 1 . 1 . 3 15.3 6.D NNW 11.3 TOTALS 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

ALL

HONTH: DEC

AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

HOURS(LST): WIND SPEED IN KNOTS DIRECTION | (DEGREES) 1-3 7-10 11-16 17-21 22-27 28-33 34-40 TOTAL ME AN WINDN . 2 1.4 8.8 • 6 NNE • 5 1.0 . 1 .0 3.3 9.4 • 2 NE . 3 .0 7.3 9.2 • 2 ENE . 9 7.2 . 4 • 2 9.2 11.9 4 . 3 E •0 1.6 7.1 21.0 10.0 . 3 8.8 ESE . 8 10.7 7.9 3.0 5.0 1.7 . 1 ٠.0 SE . 5 2.0 1.1 . 1 8.4 SSE . 7 •0 9.2 - 3 . 1 .1 • 6 6.6 SSW . 2 . 1 9.0 . 1 . 1 • 6 . 1 .0 .0 . 0 6.3 • 1 .0 .0 . 0 .0 10.9 .0 .0 .0 - 1 14.8 . 0 . 0 .0 .0 .0 13.9 . 0 .0 . 1 11.2 NNU . 0 .0 .0 10.1 VARIABLE CALM 100.0 TOTALS 8,7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: HOURS(LST): MONTH: ALL ALL WIND SPEED IN KNOTS DIRECTION 1 - 3 7-10 22-27 34-40 TOTAL ME AN IDEGREES) | WIND . 5 . 2 .0 1.7 . 4 . 7 .0 6.1 NNE . 4 . 8 1.0 .5 - 0 .0 2.8 7.5 NE . 7 1.9 3 . 6 2.3 . 1 .0 8.6 8.5 ENE 1.6 9.7 •0 ٠0 ٠0 ε 15.5 .0 ٠0 •0 8.1 ESE .0 .0 10.3 7.3 4.7 •0 1 - 1 sE .6 2.0 . 8 .0 5.2 1.7 . 1 ٠.0 7.4 SSE .0 1.1 . 5 . 1 3.0 ۰.0 7.6 5 . 5 .0 .0 . 9 •0 2.7 7.2 SSM . 5 . 4 . 0 ٠.0 1.9 7.4 SW • 3 . 5 . 1 .0 •0 . 3 . 3 .0 .0 ۰0 .0 •0 7.3 . 1 .0 .0 . 3 . 3 ۰۵ 5.8 . 2 . z .0 .0 •Đ 5.0

CALM 111111 •0 100.0 ٠0

TOTAL NUMBER OF OBSERVATIONS: 87638

VARIABLE

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

N NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87

MONTH: ALL HOURS(LST):

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 HILE OR HORE

AND/OR
CEILINGS 200 FEET OR HORE WITH VISIBILTIES 1/2 TO 2-1/2 MILES

| ••••• | | • • • • • • • | •••••• | • • • • • • • • | | D SPEcn | IN KNOTS | | • | ••••• | •••••• | •••••• | • • • • • • • • | ••• |
|---------------------|------------------------------|---------------|-----------------|-----------------|---------------|---------|-------------------|---------------|---|-----------------|-----------------|--------|-----------------|-----|
| DIRECTION (DEGREES) | | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL | ME AN Wind | |
| N | .3 | . 3 | •5 | •7 | -1 | .1 | • • • • • • • • • | ••••• | • • • • • • | •••••• | •••••• | 2.0 | 9.7 | |
| NNE | .3 | • 2 | 1.8 | 2.2 | • 3 | .1 | | | | | | 4.9 | 11.4 | : |
| NE | .1 | 1.0 | 1.9 | 4.1 | 1.0 | .2 | | | | | | 8.2 | 11.9 | |
| ENE | .3 | 1.1 | 4.7 | 5.1 | . 9 | .7 | •0 | •D | | | | 12.9 | 11.8 | |
| E | .6 | 2.3 | 8.0 | 7.4 | .9 | • 2 | -1 | •0 | | | | 19.6 | 10.6 | |
| ESE | .6 | 2 • 2 | 5 • 0 | 3.4 | .5 | • 2 | •1 | | | | | 12.1 | 9.9 | |
| SE | •3 | 1.3 | 2 • 8 | 3.5 | 1.0 | • 2 | | •1 | | | | 9.1 | 11.2 | |
| SSE | .2 | - 6 | 1.9 | 2.9 | 1.4 | •2 | | •0 | | | | 7.1 | 12.7 | |
| s | .3 | • 5 | 2.5 | 2.9 | • .5 | . 3 | •1 | | | | | 7.1 | 11.7 | |
| SSW | .2 | • 5 | .7 | 1.1 | . 3 | • 2 | | | | | | 2.9 | 11.4 | |
| SW | .2 | . 2 | .5 | . 9 | . 3 | . 3 | •0 | | | | | 2.4 | 13.1 | |
| wsw | .1 | . 3 | .7 | 1.1 | .4 | . 3 | | | | | | 2.9 | 12.9 | |
| · u | .2 | . 4 | .9 | 1.4 | .6 | .4 | •3 | | | | | 4.1 | 14.2 | |
| ANA | .1 | • 2 | . 3 | .6 | . 3 | •2 | •0 | | | | | 1.7 | 13.6 | |
| NW | .1 | . 3 | •2 | .0 | .0 | | •0 | | | | | .8 | 7.8 | |
| NNW | | . 3 | •2 | •2 | | | | | | | | .6 | 7.8 | |
| | ! • • • • • • • • • • • • | | ••••• | | | | • • • • • • • • • | •••• | ••••• | ••••• | •••••• | | • • • • • • • | |
| VARIABLE Calm | <u> </u> | | | | | | | | | | | | | |
| | | | | | | | | | ,,,,,,, | ,,,,,,,, | ,,,,,,, | | ////// | ì |
| TOTALS | 1 3,6 1 | 11.7 | 32.7 | 37.5 | 8.3 | 3.5 | .7 | •2 | | | | 100.0 | 11.2 | |
| ********** | • • • • • • • • • • • | | • • • • • • • • | | • • • • • • • | | • • • • • • • • | • • • • • • • | | • • • • • • • • | • • • • • • • • | | • • • • • • • • | |

 PPPPPPPP
 AAAAAAA
 RRRRRRR
 ITTTITITI
 DDDDDDDDD

 PPPPPPPPP
 AAAAAAAA
 RRRRRRR
 ITTTITITIT
 DDDDDDDDDD

 PP
 PP
 AA
 AA
 RR
 RR
 IT
 DD
 DD

 PP
 PP
 AA
 AA
 RRRRRRR
 IT
 DD
 DD

 PPPPPPPPP
 AAAAAAAAAA
 RRRRRRR
 IT
 DD
 DD

 PP
 AAAAAAAAAA
 RR
 RR
 IT
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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY:

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "O" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 1D MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HONEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY:

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR - 0/10
SCATTERED - 3/10
BROKEN - 9/10
OVERCAST - 10/10
OBSCURED - 10/10

SKY COVER SUMMARY IS UNAVAILABLE FOR HETAR REPORTING STATIONS.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERTOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 0000-0200 VISIBILITY IN STATUTE HILES GE GE GE GE GE 2 1 1/2 1 1/4 1 CE IL ING IN | FEET | 3 2 1/2 10 6 3/4 5/8 1/2 5/16 a NO CEIL ! 66.3 66.3 66.3 75.5 75.9 76.2 77.7 GE 200001 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.9 75.5 75.9 75.5 75.9 76.2 77.7 75.9 76.2 75.9 75.9 75.9 75.9 75.9 76.2 77.7 75.9 75.9 76.2 77.7 75.9 76.2 77.7 75.9 GE 16000 76.2 76.2 77.7 76.2 77.7 16.2 17.7 76.2 77.7 76.2 76.2 76.2 77.7 76.2 77.7 GE 14nnn1 77 •7 77.7 77.7 SE 100001 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.6 86.6 87.3 83.6 83.6 86.6 83.6 83.6 83.6 90001 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 80001 GE 86.4 86.6 86.6 87.3 86.6 86.6 86.6 86.6 86.6 86.6 70001 60001 88.1 89.4 91.0 88.2 89.5 91.2 88.2 89.5 91.2 92.3 50001 88.G 89.2 88 • 2 89 • 5 88.2 89.5 88.2 89.5 88.2 89.5 88.2 89.5 88.2 89.5 88.2 89.5 88.2 6E 88 .2 88.2 88.2 89.5 45001 89.5 91.2 92.3 89.5 89.5 91.2 91.2 40001 90.8 91.2 91.2 91.2 91.2 91.2 91.2 35001 92.0 92.2 92.3 92.3 92.3 92.3 GE 92.3 92.3 97.3 92.3 30001 93.7 94.2 94.6 94.8 25001 93.9 94.2 94.2 94.2 94.2 94.2 GE GE 20001 94.4 94.6 94.6 94.6 94.6 94 .6 94.6 94.1 94.6 94.6 94.6 94.6 94.6 94.6 94.3 94.8 94.8 94.8 94.8 94.8 94.8 95.8 95.8 12001 96.0 96.5 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.7 98.9 98.9 98.9 98.9 GF 10001 97.0 98.2 98.5 98.5 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.7 9001 97.0 98.5 98.9 98.9 98.9 98.2 98.5 98•9 99•1 98.9 99.1 98.9 98.9 800 99.1 99.1 98.0 98.0 98 - 4 99.4 99.4 99.4 GE 700 98.8 98.8 99.1 99.4 99.4 99.4 99.4 6001 98.8 6E 5001 97.2 98.1 99.1 99.1 99.1 99.1 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 98.7 99.5 98.1 6E 6E 4001 3001 97.2 98.7 99.1 99.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 200 98.7 99.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.2 99.6 100.0 1001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 01 100.0 100.0 100.0 100.0 99.6

TOTAL NUMBER OF OBSERVATIONS:

927

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DBSERVATIONS

| ST | ATION NU | JMBER: | 912180 | STATI | ON NAME: | A NO E | ERSEN AFB | GUAM | | | | PERIO | OF REC | ORD: 78 | -8 7 | | | |
|-------|-------------------|-------------|--------|-------------|---------------|-----------|-------------------|-------------|---------------|---------------|---------------|-------|--------|---------|-------------|-------------|-------|-------|
| | | | | | | | | | | | | HONTH | Iz JAN | HOURS | (LST): | 0300-09 | 00 | |
| | * * * * * * * * * | • • • • • • | ***** | • • • • • • | | • • • • • | | | | | | | | | • • • • • • | | | • • • |
| | IL ING | | | | | | | | | IN STAT | | | | | | | | |
| | IN ! | 6E | GΕ | GE_ | 6E | 6 E | GE | 6E | GE | 6 E | 6E | GE | GE | 38 | GE | GE | GE | |
| • | EET 1 | 10 | 6 | 5 | • | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ۵ | |
| •• | •••••• | ••••• | ***** | • • • • • • | ******* | • • • • • | • • • • • • • • • | • • • • • • | ***** | • • • • • • • | • • • • • • • | ••••• | | | ••••• | • • • • • • | | |
| | | | | | | | | | | | | | | | | | | |
| NU | CEIL 1 | | 61.3 | 61.3 | 61.3 | 61,3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | |
| | 200001 | | | | | | | | | | | | | | | | | |
| | 500001 | | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | |
| | 180001 | | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | |
| | 160001 | | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73-1 | 73.1 | 73.1 | |
| | 140001 | | 75.0 | 75.0 | 75.0 | 75.0 | 75+ D | 75.0 | 75.0 | 75.0 | 75.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | |
| GC | 150001 | | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76 • 9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | |
| | 100001 | | | | | | | | | | | | | | | | | |
| | 100001 | | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 9.08 | 80.9 | 80.9 | 80.9 | 80.9 | |
| 6E | 90001 | | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 61.6 | 81.6 | 81.6 | 81.6 | 81.6 | |
| 6E | 80001 | | 85.2 | 85.2 | 85 • 2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | |
| GΕ | 70001 | | 86.2 | 86.2 | 86 .2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | |
| GΕ | 60001 | | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87,2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | |
| | | | | | | | | | | | | | | | | | | |
| GE | 50001 | | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | |
| GE | 45001 | | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | |
| GΕ | 40001 | | 91.4 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | |
| 6E | 35001 | | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | |
| GE | 30001 | | 94.3 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | |
| | | | | | | | | | | | | | | | | | | |
| GE | 2500 | | 94.3 | 94.5 | 94 . 6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | |
| GĒ | 50001 | | 94.7 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95 • 1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | |
| GE | 1800 | | 94.7 | 95.0 | 95.1 | 95.3 | 95. 3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| GE | 15001 | | 95.7 | 96.2 | 96 • 4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | |
| 6E | 12001 | | 96.5 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | |
| | | | | | | | | | | | | | | | • | | | |
| 6E | 10001 | | 97.5 | 98.1 | 98 - 9 | 98.5 | 98.5 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| GE | 9001 | | 97.5 | 98.1 | 98.4 | 98.5 | 98,5 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| 6E | 800) | | 97.6 | 98.2 | 98.6 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | |
| 6E | 700) | | 97.6 | 98.2 | 98.6 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | |
| GE | 6001 | | 97.6 | 98.3 | 98 - 7 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| | | | | | | | | | | | | | | | • | | ,,,,, | |
| GE | 5001 | | 97.7 | 98.5 | 98.9 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 1 |
| GE | 4001 | | 97.8 | 98.6 | 99.0 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | : |
| 6E | 300 | | 97.8 | 98.6 | 99.0 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | - } |
| GE, | 2001 | | 97.8 | 98.6 | 99.0 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | - 1 |
| 6€ | 1001 | | 97.8 | 98.7 | 99 - 1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100 n | 100.0 | - 1 |
| | | | | • | - | - | _ | • | | - | - | | | | | | 10010 | i i |
| GΕ | 01 | | 97.8 | 98.7 | 99 - 1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | ÷ |
| • • • | | | ••••• | | • • • • • • • | | | • • • • • • | • • • • • • • | | | | | | | | | |
| | | | | | | | | | | | | | | • • | | | | • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| ٠. | ×1104 4 | OHOLA 1 | 712100 | 31411 | OH HARL: | ANUE | FK 7EM MI | o GUAN | | | | MONTH | I: JAN | HOURS | | 0600-08 | inn | |
|----|---------|---------|---------------|-----------|---------------|-------------|---------------|-------------|--------|-----------------|---------------|--------|---------------|---------------|---------------|-------------|--------|-------|
| | | | | | | • • • • • | | | | | | | | | | | ••••• | |
| | ILING | | | | | | | V151 | BILITY | IN STAT | UTE MIL | | | | | | | |
| | IN | GE | G€ | 6E | GE. | GΕ | Œ | GE | GE | GE | GE | GE | 6E | GE | GE | 6E | GE | |
| | EET I | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1.1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | Ð | |
| •• | ••••• | ••••• | • • • • • • • | • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | | • • • |
| NO | CEIL I | | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | |
| | | | | | | | | | | | | | | | | | | |
| | 200001 | | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | |
| | 180001 | | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | |
| | 160001 | | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | |
| | 140001 | | 75.3 | 75.5 | 75.5 | 75.5 | 75+5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | |
| bE | 120001 | | 77.7 | 17.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | |
| GE | 100001 | | 81.8 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | |
| GE | 90001 | | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | |
| GE | 80001 | | 8 * . 8 | 85.8 | 85.1 | 85 - 1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | |
| GΕ | 70001 | | 85.7 | 85.9 | 86 . D | 86.0 | 86.0 | 86.0 | 86.0 | 86 .0 | 86.0 | 86 . D | 86.0 | 86.0 | 86.0 | 86.0 | 86 . D | |
| GΕ | 60001 | | 85.8 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | |
| GE | 50001 | | 86.5 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | |
| 6E | 4500 | | 87.2 | 87.4 | 87 • 5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | |
| GE | 40001 | | 89.0 | 89.2 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | |
| GE | 35001 | | 90.6 | 90.8 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | |
| GE | 30001 | | 92.8 | 93.0 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | |
| GE | 2500 | | 92.8 | 93.0 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | |
| 6E | 20001 | | 93.3 | 93.5 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94 . D | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | |
| GE | 18001 | | 93.4 | 93.6 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | |
| GE | 15001 | | 94.4 | 94.7 | 95.0 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95 • 6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | |
| GE | 12001 | | 96-0 | 96.3 | 96.7 | 97.0 | 97.1 | 97.1 | 97-1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97-2 | 97.2 | 97.2 | |
| GE | 10001 | | 97.5 | 97.5 | 98.2 | 98 • 6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |
| GΕ | 9001 | | 97.5 | 97.8 | 98.2 | 98.7 | 98,9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| GΕ | 8001 | | 97.6 | 98.4 | 98.8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GΕ | 700 | | 97.6 | 98.4 | 98.8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GE | 6001 | | 97.6 | 98.4 | 98 • 8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GE | 5001 | | 97.7 | 98.5 | 98.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE | 4001 | | 97.7 | 98.6 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99 • 8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 68 | 3001 | | 97.7 | 98.6 | 99 • D | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 2001 | | 97.7 | 98.6 | 99 • D | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| ΘE | 1001 | | 97.7 | 98.6 | 99 • D | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| 68 | 10 | | 97.7 | 98.6 | 99.D | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HONTH: JAN HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CEILING GE GE GE GE 2 1 1/2 1 1/4 GE GE GE GΕ GE GE FEET 10 5/8 5 3 2 1/2 1 6 3/4 1/2 5/16 1/4 ۵ NO CEIL I 64.0 64.0 64.0 64.0 64.0 64.0 64.0 63.9 64.0 64.0 64.0 64 . n 64.0 64. D 64.0 GE 200001 74.9 74.9 74.9 74.9 74.8 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 75.0 75.1 75.0 75.1 76.7 GE 180001 GE 160001 75.0 75.1 75.0 75.1 75.0 75.1 75.0 75.1 75.0 75.1 75.0 75.1 75.0 75.1 75.0 75.1 75.0 75.1 75.0 75.0 74.9 75.0 75.0 75 -1 75.1 76.7 75 • 1 76 • 7 76.7 76.7 79.8 76.7 76.6 76 • 7 79 • 8 76 . 7 GĒ 120001 79.7 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 GE 100001 84.8 84.9 84.9 85.0 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.0 85.4 90.2 85.4 90.2 85.4 90.2 85.4 90.2 85.4 90.2 85.4 90.2 85.4 90.2 85.4 90.2 GE 90001 65.1 85.1 85.3 85.4 85.4 85.4 90.0 90.2 90.7 GE 80001 90.1 90.2 90.2 90.6 90.7 90.7 90.7 9g.7 90.9 90.7 90.7 GE 70001 90.4 90.5 90.7 90.7 90.7 90.7 90.6 GΕ 90.5 90.9 90.9 90.9 90.9 90.9 GE 50001 90.6 90.9 98.9 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.3 92.7 94.1 GE 45001 90.9 91 · 1 92 · 5 91.2 91.3 91.3 91.3 91.3 92.7 91.3 91.3 92.7 91.3 92.7 91.3 91.3 92.7 91.3 91.1 GE 35001 93.6 93.9 93.9 94 • 1 94.1 94.1 94.1 94.1 94.1 94.1 95.0 95.0 95.0 95.0 95.0 95.0 6E 30001 94.6 94.8 94.9 95.0 95.0 95.0 95.0 95 an GΕ 25001 94.8 95.2 95.0 95.0 95.3 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 GE 95.8 95.8 95.8 95.8 95.8 95.8 20001 95.4 95.4 95.8 95.8 95.8 95.8 95.8 95.8 95.5 95.5 95.7 95.7 95.8 95.8 95.8 95.8 95.8 GE 18001 95.2 95 • 8 95.8 95.8 95.8 95.8 15001 96.7 96.7 96.7 GE 95.8 96.2 96.3 96.6 96.7 96.7 96.7 96.7 96.7 12001 98.0 96.6 10001 99.0 99.0 99.0 97.4 99.0 99.0 99.0 98 - 5 97.4 98.2 98.2 98.5 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 GE 9001 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 GE 8001 99.0 99.0 99.0 99.5 7001 98.5 98.9 99.0 99.0 99.0 99.0 99.Õ 99.0 99.0 99.2 99.5 99.5 99.5 GE 6001 97.5 98.3 98.6 99.1 99.2 99.5 99.5 99.5 GE 99.7 99.7 100.0 Snot 97.7 98.5 98.8 99.6 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.5 98.5 GE GE 99.6 99.7 4001 97.7 98.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.7 98.8 99.7 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 2001 99.6 99.7 100.D 100.0 100.0 100.0 100.0 97.7 98.5 98.8 GE 1001 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 98 . 8 GE 01 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.7 98.8 99.7 100.0

TOTAL NUMBER OF OBSERVATIONS:

Ċ

929

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\sigma_{BS}_{\epsilon}rvations$

| S T | ATION | NU | MBER: | 912180 | STATI | ON NAME: | ANDE | ERSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | 3-87 | | |
|------------|------------|-----|-----------|---------------|--------------|------------------|--------------|-------------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|---------------|--------------|-------------------|
| | | | | | | | | - | | | | | HONTH | H: JAN | HOURS | SILSTI: | 1200-1 | 400 |
| CE | IL ING | ••• | • • • • • | • • • • • • • | • • • • • • | | • • • • • | • • • • • • • • • | | | IN STAT | | | • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • • • • |
| | IN | | GE | GE | GΕ | 6E | GE | GE | GE | 65 | GE | GE HIL | .ES GE | GE | GE | 6E | GΕ | GE |
| | EET | i | 10 | 6 | 5 | 4 | | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | GE D |
| •• | | ••• | | | | | | | | | | | | - | | | • • • • • • | |
| | | | | | | | | | | | | | | | | | • • • • • | |
| NO | CEIL | ı | | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67•7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| 6+ | 2000 | n t | | 79.6 | 79.6 | 79.6 | 79.6 | 70 (| 79.6 | 70 / | 70 / | 70 | | | | | | / |
| | 1800 | | | 80.1 | 80.1 | 80.1 | 80.1 | 79.6 80.1 | 80.1 | 79.6 80.1 | 79.6 80.1 | 79.6 80.1 | 79.6 80.1 | 79.6 80.1 | 79.6 8D.1 | 79.6 8D.1 | 79.6 80.1 | 79.6 80.1 |
| | 1600 | | | 80.2 | 80.2 | 80 - 2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE | 1400 | 01 | | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 61.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE | 1200 | 01 | | 83.0 | 83.0 | 83.0 | 83.0 | 83. C | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| | | | | | | | | | | | | | | | _ | | | |
| GE | 900 | - • | | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE | 830 | | | 86•8 89•D | 86.8 89.1 | 86 • 8 89 • 1 | 86.8 | 86.8 89.1 | 86.8 | 86.8 89.1 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86 • 8 |
| GE | 700 | | | 89.8 | 89.9 | 89.9 | 89.1 | 89.9 | 89.9 | 89.9 | 89.1 89.9 | 89.1 89.9 | 89.1 89.9 | 89.1 | 89.1 89.9 | 89.1 89.9 | 89.1 89.9 | 89.1 89.9 |
| GΕ | 600 | | | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| | | | | _ | | | | | | | | | , | | , | | , | .0 |
| GE | 500 | | | 90.8 | 91.0 | 91 - 0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE | 450 | | | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE GE | 400 350 | | | 93.0 94.5 | 93.2 94.7 | 93.2 94.7 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE | 300 | | | 95.3 | 95.6 | 95.6 | 94.7 95.6 | 94.7 95.6 | 94.7 95.6 | 94.7 95.6 | 94 • 7 95 • 6 | 94.7 95.6 | 94.7 95.6 | 94.7 95.6 | 94.7 95.6 | 94.7 95.6 | 94.7 95.6 | 94.7 95.6 |
| | | | | ,,,,, | ,,,,, | ,,,, | ,,,,, | 73.0 | ,,,,, | ,,,, | ,,,, | ,,,, | 73.0 | 73.6 | 42.0 | 42.0 | 77.0 | 42.0 |
| GE | 250 | 01 | | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE | 200 | | | 95.7 | 96.0 | 96.1 | 96.1 | 96-1 | 96 • 1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 38 | 180 | | | 95.7 | 96.0 | 96 • 1 | 96.1 | 96.1 | 96.1 | 96.2 | 96 •2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE | 150 | | | 96.6 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| υ£ | 120 | uı | | 96.9 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE | 100 | 01 | | 97.6 | 98.0 | 98.4 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE | 90 | ٥l | | 97.6 | 98.0 | 98.4 | 98.5 | 98.5 | 98.5 | 98 • 7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ĢΕ | 80 | | | 97.6 | 98.0 | 98.4 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98 - 8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE | 70 | | | 97.6 | 98.0 | 98.4 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE | 60 | O ! | | 98.0 | 98.3 | 98.7 | 98.8 | 98.9 | 99.0 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GΕ | 50 | n I | | 98.0 | 98.5 | 98.9 | 99.0 | 99.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 40 | | | 98.0 | 98.5 | 98.9 | 99.0 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 100.0 |
| GE | 30 | | | 98.0 | 98.5 | 98.9 | 99.0 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 20 | | | 98.0 | 98.5 | 98.9 | 99.0 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| G€ | 10 | 01 | | 98.0 | 98.5 | 98.9 | 99.0 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6E | | n I | | 98.0 | 98.5 | | | | | | | | | | | _ | | |
| DE | | | | 70.0 | 70.0 | 98.9 | 99.0 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS:

10

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: PERIOD OF RECORD: 78-87 HOURS (LST): 1500-1700 MONTH: JAN CEILING VISIBILITY IN STATUTE MILES GE GE GE GE 6E 5 GE GF G<u>€</u> 5/16 GE 1/4 FEET 2 1 1/2 10 1 1/4 3 2 1/2 5/8 ٠. 1/2 NO CEIL 1 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 45.3 65.3 65.3 GE 200001 75.9 75.9 75.9 76.7 75.9 75.9 75.9 76.7 76.7 77.6 75.9 75.9 75.9 76.7 76.7 75.9 76.7 76.7 77.6 75.9 75.9 75.9 75.9 75.9 76.7 76.7 77.6 76.7 76.7 76.7 76.7 76.7 160001 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76•7 76•7 76.7 76.7 76 • 7 76 • 7 76.7 77.6 76.7 76.7 77.6 GF 140001 77.6 77.6 77.6 77.6 77.6 GE 120001 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 GE 100001 84.8 ... 84.8 85.1 87.7 84.8 84 .8 84.8 84.6 84.8 84.8 84.8 84.8 84.8 85.1 87.7 88.7 85.1 85.1 85.1 85.1 87.7 85.1 87.7 85.1 87.7 85.1 87.7 85.1 85.1 87.7 85.1 87.7 85.1 85.1 85.1 87.7 GΕ 87.7 88.7 80001 87.7 88.7 88.7 70001 88.7 88.7 88.7 88.7 88.7 60001 89.5 89.7 89.7 A9.7 89.7 89.7 89.7 GE 50001 90.4 90.4 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.9 90.6 90.9 90.9 93.3 95.1 GE 90.6 93.0 90.9 93.3 90.9 93.3 90.9 93.3 90.9 93.3 90.9 93.3 90.9 90.9 90.9 45001 90.6 90.9 90.9 GE 40001 92.9 93.3 93.3 93.3 93.3 GF 35001 94.6 94.7 95.1 95.1 95.1 95.1 95.1 95.1 95.1 3000 95.7 95.8 96.1 96.1 96.1 96.1 96.1 96 . 1 2500) 95.8 96.1 96.1 96 • 1 96 • 5 96 • 5 96.1 96.1 96 • 1 96 • 6 96.1 96.6 96 -1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 GF 20001 95.9 95.9 96.6 96.6 96.6 96.6 96.6 97.0 96.6 96.6 96.6 96.6 96.6 96.6 18001 GE 96.6 96 • 6 97 • 0 96.6 97.0 97.7 96.6 96.6 96.6 GE 15001 97.0 97.0 97.0 97.0 97.0 97.7 97.0 97.7 97.0 97.0 GE 12001 96.7 96.9 97.7 97.7 6E 10001 97.3 97.7 97.7 98.7 98.7 98.7 98.7 98.8 98.8 98.4 98.7 98.8 98.8 98.8 98.8 98.8 96.8 GE GE 97.3 97.3 9001 98.4 98.7 98.8 98.9 98.9 98.8 98.9 98.8 98.9 98.8 98.9 98.8 98.8 98.8 97.7 98.4 98.8 98.8 98.9 98.9 98.9 98.9 GE GE 7001 97.7 98.4 98.8 9 A. A 98.8 98.9 98.9 98.9 6001 98 - 6 99.0 99.4 99.2 99.4 99.4 GE 5001 97.5 98.0 98.6 99.2 99.5 99.6 99.8 99.8 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 SE SE 4001 97.6 97.6 98.1 98.1 98.9 98.9 99.4 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 300 99.9 99.9 99.9 99.9 99.9 98·1 98·1 GE 2001 97.6 99.7 100.0 100.0 100.0 100.0 100-0 100.0 98.9 99.4 99.4 99.7 99.9 100-0 100.0 GΕ 01 98.1 98.9 99.4 99.4 99.7 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ČE | ILING | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | V151 | AT1 TTV | IN STAT | ((TE #7) | FC | • • • • • • • | • • • • • • • | •••••• | • • • • • • | |
|----|--------|-------------|---------------|--------------|---------------|---------------|-------|---------------|---------|---------------|---------------|-------------|---------------|-----------------|--------------|--------------|--------------|
| | IN I | GE | 6E | 38 | 6E | GE | Œ | 56 | GE | GE | 6E | . GE | GE | GΕ | GE | GE | GE |
| F | EET ! | 10 | 6 | 5 | • | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ັ້ວ |
| •• | ••••• | • • • • • • | • • • • • • • | •••• | • • • • • • • | • • • • • • • | ***** | • • • • • • • | | • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • • • | | • • • • • • | |
| NO | CEIL I | | 64.4 | 64.4 | 64 • 4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 54.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE | 200001 | | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75 .1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| GΕ | 180001 | | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75. | 75.4 | 75.4 | 75.4 |
| GΕ | 160001 | | 75.2 | 75.3 | 75 . 3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| | 140001 | | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76 . 1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 6E | 120001 | | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78 • 9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 6E | 100001 | | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | | | | | |
| GE | | | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.D 84.6 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE | | | 67.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 84.6 88.2 | 84.6 | 84.6 | 84 - 6 |
| GE | 70001 | | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 88.2 89.1 | 88.2 89.1 | 88.2 89.1 |
| GE | | | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| - | | | | | | | | | ,,,,, | -0.2 | 70.3 | yu . 3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| 6E | 50001 | | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE | 45001 | | 90.8 | 91.1 | 01.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GΕ | 40001 | | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE | 35001 | | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE | 30001 | | 95.6 | 96.0 | 96.0 | 96 .D | 96.0 | 96.0 | 96.0 | 96.0 | 96 - 1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE | 25001 | | 95.6 | | 64 6 | | 0.0 | | | | | | | | | | |
| GE | 20001 | | 95.9 | 96.0 96.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96 .0 | 96.1 | 96.1 | 96 - 1 | 96.1 | 96.1 | 96.1 | 96 - 1 |
| 6E | 18001 | | 95.9 | 96.3 | 96.3 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 6E | 15001 | | 96.3 | 96.9 | | 96.3 | 96.3 | 96.3 | 96.3 | 96 • 3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE | 12001 | | 96.9 | 97.4 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| UC | 12001 | | 70.7 | 7/14 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE | 10001 | | 97.7 | 98.3 | 98.4 | 98 -5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE | 900 | | 97.7 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98 - 6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE | 8001 | | 98.0 | 98.5 | 98 . 6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99 . D |
| 6E | 7001 | | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| GE | 6001 | | 98.1 | 98.7 | 99.0 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| | | | | | | | | | | | | | | | | • | • • |
| GE | 5001 | | 98.1 | 98.7 | 99.1 | 99.4 | 99. 4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| 6E | 4001 | | 98.1 | 98.7 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.B |
| GE | 3001 | | 98.1 | 98.7 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 79.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| GΕ | 5001 | | 98-1 | 98.7 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE | 1001 | | 98.1 | 98.7 | 99.1 | 99 • 5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| 6Ē | o I | | 98.1 | 98.7 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| | | | | | | | | | | ,,,,, | • • • • • • • | | | | | ,,,,, | |

TOTAL NUMBER OF OBSERVATIONS: 930

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| STATE | ION NU | MBER: | 912180 | STATE | ON NAME : | ANDE | ERSEN AFI | GUAM | | | | PERIO | OF REC | ORD: 76 | 8-87 | | |
|---------|--------|-------------|---------------|-------|-----------------|--------------|-----------------|--------------|--------------|------------------|--------------|--------------|-------------|-------------|---------------|--------------|--------------|
| | | | | | | | | | | | | HONTE | 1: JAN | HOURS | S(LST): | 2100-23 | 300 |
| | | • • • • • | • • • • • • • | ••••• | • • • • • • • • | • • • • • | • • • • • • • | | | | | | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | |
| CE IL I | | | | 6E | | | | | | IN STAT | | | | | _ | | |
| FEET | | GE | 39 | | 6E | GE | GE | GE | GE | GE | 6E | G E | GE | GE | GE | GE | GE |
| | - | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 5 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| •••• | ••••• | • • • • • | • • • • • • • | ••••• | • • • • • • • • | • • • • • | • • • • • • • • | • • • • • • | ••••• | • • • • • • • | •••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | , |
| NO CE | EIL | | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 20 | 10000 | | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 18 | 10008 | | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 7 - 9 | 73.9 | 73.9 |
| 6E 16 | 1000 | | 74.3 | 74.3 | 74 - 3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| 6E 14 | 1000# | | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| 6E 12 | 20001 | | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 10 | 1000 | | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| | 1000 | | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| | 30001 | | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 6E 7 | 70001 | | 87.7 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88-1 | 88.1 | 88 • 1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| 6E 6 | 1000 | | 88.5 | 88.8 | 86.8 | 86.8 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 4 | tagas | | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | ••• | | 00.3 |
| | 5001 | | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 89.7 91.1 | 89.7 | 89.7 |
| | 10001 | | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.1 91.8 | 91.1 91.8 |
| | 35001 | | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| | 30001 | | 95.7 | 96.1 | 96 • 1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96 • 1 | 96.1 | 96.1 | 96.1 |
| GE 2 | 25001 | | 95.7 | 96.1 | 96 • 1 | 04 1 | 04.1 | 96.1 | D4 1 | 04 1 | 04 1 | | | | | | |
| | 20001 | | 95.7 | 96.1 | | 96.1 96.1 | 96.1 | _ | 96.1 | 96.1 | 96 • 1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96 • 1 |
| | 10081 | | 95.8 | 96.3 | 96.1 96.3 | 96.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96 • 1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96 • 1 |
| | 15001 | | 96.0 | 96.8 | 96.8 | 96.9 | 96.5 96.9 | 96.5 96.9 | 96.5 96.9 | 96 • 5 96 • 9 | 96 • 5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| | 12001 | | 96.6 | 97.5 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 96.9 97.8 | 96.9 97.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ٠. | | | ,0.0 | 77.63 | 77.00 | 77.0 | 71.0 | 71.0 | 77.0 | 77.0 | 71.8 | 7/.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| | 10001 | | 97.5 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE | 9001 | | 97.5 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98 • 8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 6E | 8001 | | 97.7 | 98.9 | 99 • 0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GΕ | 7001 | | 97.8 | 99.0 | 99 • 1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| G€ | 6001 | | 97.8 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 5001 | | 97.8 | 99.0 | 99 • 1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| €E | 4001 | | 98.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GΕ | 3001 | | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6E | 2001 | | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100 • 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1001 | | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 |
| GE | 01 | | 98.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | ••••• | | ••••• | ••••• | ••••• | ••••• | ••••• |

TOTAL NUMBER OF OBSERVATIONS:

930

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HOURS (LST) MONTH: JAN VISIBILITY IN STATUTE MILES RE GE GE GE CEILING GΕ GF 6 E Œ 6E GF GE FEET 2 1 1/2 1 1/4 5 3 2 1/2 1/2 a 3/4 5/8 NO CEIL I 64.1 64.1 64.1 GE 200001 75.0 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.4 75.6 76.9 79.2 75.4 75.6 76.9 75.5 75.6 76.9 79.2 GE 18000| GE 16000| 75.4 75.5 75.4 75.6 75.4 75.6 75.4 75.6 75.4 75.6 75.4 75.6 75.5 75.6 75.5 75.6 75.5 75.5 75.6 75.5 75.6 75.5 75.6 14000 76.9 79.2 76.9 76.9 76.9 76.9 76.9 6E 120001 79.2 79.2 79.2 79.2 79.2 79.2 79.2 GE 100001 83.5 83.5 83.6 84.0 83.6 83.6 84.0 83.6 84.0 83.6 84.0 83.6 83.6 83.5 83.6 83.6 83.6 83.6 83.6 83.9 83.9 84.0 84.0 84.0 84.0 84.0 87.4 88.3 84.0 87.4 68.3 90001 83.8 84.0 84.0 87.2 87.3 87.3 88.2 88.9 87.4 87.4 87.4 88.3 87.4 88.3 87.4 87.4 88.3 87.4 87.4 GF ADDDI 87.4 87.4 6E 7000 88.2 88.9 8 g. 3 8 8. 9 60001 89._D 88.9 89.5 90.3 92.0 5000) 89.4 89.5 89.5 90.3 89.5 90.0 90.2 91.9 93.3 90 • 2 92 • 0 90.3 92.0 90.3 90.3 92.0 90.3 9B.3 92.0 90.3 92.0 GE **4500** 90.3 90.3 90.3 90.3 92.0 92.0 40001 92.0 92.0 92.0 GE 35001 93.4 30001 GF 94.7 95.B 95.1 95.1 95.1 95.1 95.1 95.2 95.2 95.2 95.7 95.2 95.2 25001 94.8 95.1 95.1 95.2 95.6 95.7 6E 95.2 95.0 95.1 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.4 95.6 95.7 95.6 95.7 95.6 GE 20001 95.5 95.6 95.6 95.7 95.6 95.7 95.6 95.6 95.6 95.7 95.6 95.7 95.6 95.7 95.6 6E 1000 95.7 95.7 95.7 6E 15001 95.7 96.2 96.4 96.5 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 GE 10001 97.5 98.0 98.6 98.7 98.7 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.4 98.8 99.1 99.1 GE 9001 97.5 98.0 98.4 98.6 98.6 98.9 98.7 98.7 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.1 99.1 99.2 99.5 6E 99.1 99.2 99.1 99.1 700 97.6 99.0

TOTAL NUMBER OF OBSERVATIONS:

97.7

97.7

97.8

97.8

97.8

97.8

98.4

98.5

98.5 98.5

98.5

98.6

98.6

98.7

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99.0 99.0

99.0

99.0

99.0

99.1

99.3

99.3 99.4

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99.4

99.4

99.5

99.5

99.5

99.6

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99.7

99.8 99.8 99.8

99.9

99.7

99.8 99.8

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4001

3001

2001

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GE

GE

GE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | BER: 912180 | | | | | | | •••• | | MONTH | OF REC I: FEB | HOURS | ILSTI: | | | ••• |
|----------|--------------|--------------|--------------|------------------|--------|--------|------|-------------|--------|----------|--------|------------------|--------|--------|-------|---------|-------|
| | LLING | | | | | | | BILITY | | | | | | _ | | | |
| | | 6E GE | 6E 5 | 6E 4 | 65 | 6E | €€ | 6E 1 1/2 | GE | 6Ε 1 | 3.5 | 86 | GE | GE | GE | 38 0 | |
| | ET | 10 6 | | | | 2 1/2 | | | 1 1/7 | | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | | |
| | ••••• | | | | | | | | | | | | | | | | , • . |
| NO | CEIL | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | |
| 66 | 200001 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | |
| | 180001 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66 • 9 | 66.9 | 66.9 | 66.9 | |
| | 160001 | 66.9 | 67.0 | 67.D | 67.0 | 67.D | 67.0 | 67.0 | 67.0 | 67.0 | 67.D | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | |
| | 140001 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | |
| GE | 120001 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | |
| 6E | 100001 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | |
| 6E | 90001 | 72.9 | 73.0 | 73.0 | 73.0 | 73. D | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | |
| GE | 80001 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 61.4 | 81.4 | 81.4 | 81,4 | 81.4 | |
| GE | 70001 | 83.0 | 83.1 | 83.2 | 83.2 | 8 3. 2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | |
| GE | 60D01 | 83.3 | 83.5 | 83.6 | 83.6 | 8 3. 6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | |
| GE | 50001 | 85.0 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | |
| GE | 45001 | 85.5 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | |
| GE | 40001 | 87.9 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88 - 5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 86.5 | 88.5 | |
| GE | 35 pp | 90.8 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | |
| 6E | 30001 | 92.7 | 93.4 | 93.7 | 93.7 | 9 3. 7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | |
| GE | 25001 | 92.9 | 93.6 | 94 . D | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | |
| GE | 20001 | 93.0 | 93.7 | 94.1 | 94 - 1 | 94.1 | 94.1 | 94.1 | 94 . 1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | |
| ĞΕ | 18001 | 93.3 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94 - 3 | 94.3 | 94.3 | 94.3 | 99.3 | 94.3 | 94.3 | 94.3 | |
| GΕ | 15001 | 94.2 | 95.2 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95 • 7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | |
| GE | 12001 | 95.2 | 96.2 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | |
| 68 | 10001 | 95.5 | 96.8 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | |
| GE | 9001 | 95.6 | 96.9 | 97.8 | 98.1 | 98.1 | 98-1 | 98.1 | 98 - 1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | |
| 6E | 8001 | 95.9 | 97.3 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| GE 39 | 7001 | 95.9 | 97.3 | 98.3 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | |
| GE | 60 g i | 96.2 | 97.6 | 98.7 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| | | | | | | | | | | | | | | | | | |
| 6E | 5001 | 96.3 | 97.8 | 98.9 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99,9 | 99.9 | - 1 |
| ΘE | 4001 | 96.3 | 97.9 | 99 • 1 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| 38 | 3001 | 96.3 | 97.9 | 99.1 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE GE | 2001 1001 | 96.3 96.3 | 97.9 97.9 | 99 • 1 99 • 1 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | , |
| U.C. | 1001 | 7013 | 71,7 | 77.1 | 44.2 | 77.0 | 77.5 | 100.0 | 100.0 | * 00 * 0 | 100.0 | 100.0 | 200.0 | 100.0 | 100+0 | .00.0 | ; |
| GE | ol | 96.3 | 97.9 | 99.1 | 99.5 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | į |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: FEB HOURS (LST) . 0300-0500 VISIBILITY IN STATUTE HILES 6E 5 6E 6E 3 2 1/2 6E 2 6E 1 1/2 6E 6 E 6E GE FEET 10 6 1 3/4 5/8 1/2 5/16 n NO CEIL I 53.5 53.5 5 3. 5 53.5 GE 200001 65.6 65.6 65.6 65.6 65.6 65.6 65.6 GE 180001 GE 160001 66.0 66.3 66.0 66.D 66.3 66.0 66.3 66.D 66.3 66.0 66.0 66.0 66.0 66.D 66 • D 66.D 66.3 66.3 66.3 66.3 66.4 66.4 GE 140001 66.4 66.4 66.4 68.2 120001 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2 72.8 72.8 79.8 100001 72.8 72.8 72 -A 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.6 72.8 72.8 72.8 72.8 90001 72.8 79.9 81.1 GE 72.8 72.8 72.8 72.8 GE 80.0 81.2 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 81.2 81.2 81.2 81.2 81.2 81.2 81.2 GE 10000 83.0 83.7 87.2 83.2 83.9 87.5 83.2 83.9 87.5 G.F 50001 45001 82.7 83.3 83.2 83.9 83.2 83.9 87.5 83.2 8 3. 2 83.2 83.2 83.2 83.2 83.2 83.2 83.9 87.5 83.9 87.5 83.9 87.5 83.9 87.5 83.9 87.5 83.9 87.5 83.9 87.5 83.9 87.5 83.9 87.5 6E 40001 87.5 GE GE 35001 89.1 89.4 91.8 89.4 91.8 89.4 91.8 88.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 30001 91.8 91.8 01.A 91.8 91.8 GE 25001 91.6 92.0 92.1 92.0 90.9 92.0 92.0 92.0 92.0 92.0 92.0 91.8 92.0 92.0 92.0 92.0 92.0 91.0 91.1 92.2 92.4 92.4 92.4 92.4 92.6 94.7 92.4 92.6 94.7 92.4 92.4 92.4 92.4 GE 20001 92.4 92.4 92.4 1800 92 • 6 94 • 7 92.6 94.7 GΕ 15001 94.0 94.7 95.5 94.7 94.3 94 . 8 95.5 95.5 12001 93.1 95.4 95.4 95.5 95.5 95.5 95 • 5 GE 10001 95.6 96.5 96.5 96.6 97.3 97.4 97.4 98.1 97.4 97.4 94.2 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 98.1 97.4 98.1 GE GE 94.2 95.6 95.7 97.3 97.4 98.1 97.4 9001 97.4 97.4 97.4 97.4 97.4 97.9 98.1 98 - 1 98.1 98.1 98.1 700 96.7 98.2 98.0 98.0 98.2 98.2 98.2 98.8 98.2 98.2 98.7 98.2 GE 6001 96.9 97.2 97.4 99.1 99.4 99.9 99.9 GE Soci 94.6 96.1 98.8 98.8 99.1 99.1 99.4 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 4001 96.3 GE GE 99.1 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 300 94.8 96.5 99.9 99.9 100.0 100.0 100.0 100.0 96.5 96.5 99.9 99.9 94.8 97.4 99.3 99.4 100.0 100.0 100.0 100.0 100.0 1001 99.4 100.0 100.0 100.0 100.0 100.0 100.0 01 99.4 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC MALE STATION NUMBER: 912183 STATION NAME: ANGERSEN AFB GUAN PERIOD OF RECORD: 78-87 MONTH: FER HOURS(LST): 0600-0800 CEILING VISIBILITY IN STATUTE MILES IN I Œ 6E 6E GE GE 10 5 3 2 1 1/2 1 1/4 5/8 1/2 5/16 'n NO CEIL I 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.7 66.3 66.9 67.3 66.9 67.3 GE 200001 66.3 66.9 67.3 66.2 66.3 66.3 66.3 66.3 180001 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.8 66.9 66.9 GE 16000 67.3 67.3 67.3 67.3 67·3 140001 67.8 68.0 68.0 69.3 68.0 68.0 69.3 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 69.3 12000 69.3 GE 100001 73.4 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 GE 90001 73·5 79·8 73.6 79.9 73.6 73.6 73.6 73.6 79.9 73.6 73.6 73.6 79.9 73.6 79.9 73.6 73.6 79.9 73.6 73.6 73.6 79.9 ĞĒ 79 • 9 80 • 7 79.9 7000 80.6 80.7 80.7 80.7 60.7 80.7 80.7 80.7 80.7 80.7 80.7 GE 60001 81.3 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 GE 50001 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 83.1 82.5 83.1 86.4 82.4 82.5 82.5 82.9 86.1 83.1 83.1 83.1 86.4 45001 86.3 83.1 86.4 88.9 83.1 86.4 88.9 83.1 83.1 83.1 83.1 86.4 83.1 GE 83.G 86.3 GE 86.4 86.4 89.0 40001 86.4 86.4 89.0 88.7 89.0 89.0 89.0 89.0 35001 88.4 88.8 89.0 89.0 GE 89.0 30001 90.5 90.9 91.0 91.1 91.3 91.3 91.3 91.3 91.1 91.7 91.8 GΕ 25001 98.8 91.3 91.5 91.5 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 92.3 GE 2000| 1800| 91.3 91.4 91.8 92.0 92.2 92.2 92.3 92.3 92.3 92.3 92.4 92.3 92.4 92.3 92.4 92.3 92.4 92.3 92.4 92.3 92.4 GE 92.4 92.4 15001 92.9 93.7 94.1 94.8 94.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 04.0 95.3 96.1 96.1 96.1 96.1 96.1 96.1 12001 93.9 94.8 96.0 96. D 96.1 96.1 96.1 96.1 10001 97.4 97.4 97.5 GE 94.7 95.9 96.6 97.4 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.8 96.6 97.4 97.5 97.6 97.8 97.6 97.6 97.6 95.9 97.5 97.6 97.6 97.8 97.6 97.6 97.6 GE 900 GE GE 94.8 96.0 97 ·8 98 ·0 97 • 8 98 • D 97.8 8001 95.0 96.9 97.8 97.8 7001 96.2 98.0 98.0 98.0 98.0 GE 98.3 98.5 98.5 98.5 98.5 98.5 GE 5001 95.3 96.6 97.3 98.3 98.3 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.9 99.2 99.3 99.2 99.6 99.8 98.6 98.8 98.6 98.8 99.2 99.5 99.2 99.6 99.8 95.4 95.5 96.7 96.8 99.2 99.5 99.2 99.2 99.2 99.2 99.2 GE 1000 97.5 99.6 99.6 GE 3001 97.8 99.6 99.6 99.6 95.6 96.9 98.9 4.00 99.9 GΕ 2001 97.9 98.9 99.6 00.0 00.0 1001 98.9 100.0 100.0 97.9 98.9 99.3 99.8 01 96.9 97.9 98.9 99.8 100.0 GΕ 98.9 99.6 99.6 99.8 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

1. 大震樂

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CE IL ING IM | 6E FEET | 10 6 E GΕ 6E GE GE GE GE 6E GF GΕ GE E GE GE 2 1 1/2 1 1/4 6 5 4 3 2 1/2 5/8 0 1/4 1/2 5/16 NO CEIL I 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 **EE S00001** 68.9 68.9 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.4 GE 16000 69.3 69.3 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.9 69.4 69.9 69.4 69.9 69.4 69.4 69.7 69.9 69.9 140001 70.6 70.7 70.7 70.7 70.7 72.3 70.7 70.7 70.7 7₀.7 72.3 70.7 70.7 70.7 70.7 70.7 GE 120001 72.2 72.3 72.3 72.3 72.3 6E 100001 76.4 76.4 83.1 75.8 75.9 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.4 83.0 84.0 76.4 83.1 84.2 90001 76.2 76.4 76.4 83.1 76.4 83.1 76.4 83.1 76.4 83.1 76.4 83.1 76.4 83.1 76.1 76.4 76 • 4 83 • 1 76.4 82.6 GF 80001 82.5 83.1 83.1 83.1 84.2 83.6 6E 70001 60001 84.3 84.3 84.3 84.3 84.3 84.3 GΕ 50001 85.1 85.5 85.6 85.6 85.6 85.6 85.6 85.6 85.8 86.9 85.6 85.8 86.9 85.6 85.6 85.8 85.6 85.8 85.6 85.6 85.3 86.4 85.7 86.8 85.8 86.9 85.8 86.9 GE 45001 85.0 85.8 85.8 85.8 85.8 85.8 86.9 85.8 86.9 GĒ 40001 86.1 86•9 89•2 86.9 86.9 86.9 86.9 86.9 35001 30001 88.3 88.7 91.1 89.Z 91.7 89.2 91.7 89.2 89.2 89.2 89.2 89.2 89.2 89.2 90.8 91.6 91.7 91.7 91.7 91.7 90.9 91.4 91.7 GE 25001 91.3 91.8 92.4 92.8 91.8 92.4 92.8 91.8 92.4 92.8 91.8 91.8 92.4 91.8 92.4 91.7 91.8 91.8 8.19 91.8 92.2 92.6 95.7 GΕ 20001 91.7 92.1 92.4 92.4 92.4 92.8 92.4 92.8 92.4 92.8 92.4 92.8 92.4 GE 92 • 8 96 • 7 18001 92.8 92.8 92.8 92.8 94.8 96.0 GE GE 96.3 96.6 96.7 96.7 98.0 96.7 96.7 96.7 96.7 12001 94.8 95.4 98.0 98.0 98.0 98.0 98.0 98.8 GE 10001 95.6 96.3 98.0 98.3 98.6 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GΕ 96.3 97.6 97.6 9001 95.6 98.0 98.0 98.3 98.3 98.6 98.6 98.8 98.8 98.9 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GE 8001 95.6 96.3 99 • 1 99.1 99.1 6E 7031 96.0 96.7 98.0 98.3 98.9 99.4 99.4 99.4 GΕ 6001 96.7 98.0 96.0 98.5 98.8 99.1 GΕ 5001 96.0 98.5 98.0 99.5 99.5 99.1 99.3 99.4 99.5 98.8 99.5 99.5 99.5 99.5 GE 4001 3001 96.0 96.7 98.0 98.5 98.5 98.8 99.1 99.3 99.3 99.4 99.5 99.5 99.5 99.5 99.5 99.5 99.6 99.6 99.6 99.9 99.6 ĞĒ 99.5 99.9 99.9 99.9 GF 2001 99.3 99.4 99.5 99.9 99.9 ... 90.0 6E 100.0 1001 96.0 96.7 98.0 98.5 99.1 100.0 100.0 100.0 6E 01 96.0 96.7 98.0 98.5 98.8 99.1 99.3 99.5 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES
RE GE GE GE CEILING 6E GE 6E GE D FEET 3 2 1/2 10 5 4 2 1 1/2 1 1/4 5/8 1/4 1/2 5/16 NO CEIL I 58.2 58.2 58.2 58,2 58.2 58.2 58 .2 58.2 58.2 58.2 58.2 58.2 58.2 58.2 GE 200001 69.4 69.5 69.5 69.5 69.5 70.2 69.5 69.5 69.5 69.5 70.1 70.6 71.4 70 •2 70 •7 180001 70.2 70.7 70.2 70.2 7g.2 70.7 70 · 2 70 · 7 70.2 70.2 70.7 70.2 70.7 70.2 70.7 70.2 70.7 70.2 6E 70.7 71.5 70.7 70.7 70.7 70.7 70.7 140001 71.5 73.0 71 •5 73 •0 71.5 73.0 71.5 73.0 71.5 73.0 71.5 71.5 71.5 71.5 GE 120001 73.0 73.0 75.8 100001 75.5 75.7 75.7 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 76.6 81.1 76.6 81.1 76.4 80.9 76.5 81.0 76.5 81.0 76.6 76.6 81.1 76.6 81.1 76.6 81.1 76.6 81.1 76.6 81.1 76.6 81.1 9nnnl 76.6 76.6 76.6 81.1 80001 81.1 81.1 82.0 82.3 82.2 GE 70001 81.9 82.0 82.2 82.2 60001 82.3 82 4 82.4 50001 82.7 82.9 82.9 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 63.6 86.9 88.8 45001 83.3 83.6 86.9 88.8 83.6 87.0 88.9 83.5 83.5 83.6 87.0 83.6 83.6 87.0 83.6 87.0 83.6 87.0 83.6 87.0 83.6 87.0 83.6 87.0 83.6 87.0 6E 40001 87.0 88.9 86.6 3500 88.7 88·9 92.0 88.9 BR.Q 88.9 88.9 88.9 88.9 88.9 30001 91.6 91.7 91.7 92.0 92.0 92.B 92.0 92.0 92.0 92.4 GE 25001 92.1 92.2 92.2 92.3 92.3 92.4 92.4 92.4 92.4 92.4 92.8 93.3 92.4 92.4 92.4 92.7 93.1 95.9 GE 20001 92.4 92.6 92.9 92.6 92.7 93.0 92.8 92.8 93.3 92.8 92.8 93.3 92.8 92.8 93.3 92.8 92.8 93.3 92.8 1800 93.3 96.0 97.5 15001 94.9 95.3 95.4 95.6 96.0 96 .0 96.0 96.0 97.5 96.0 97.5 96.0 96.0 96 . n 12001 95.7 96.2 96.5 96.9 97.3 97.5 GE 10001 96.3 96.9 97.3 97.8 98.3 7.89 98.1 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.2 98.3 98.3 97.0 97.4 98.3 98.5 98.5 98.5 98.7 98.7 98.5 98.7 98.7 GE 9001 96.5 98.5 98.5 98.5 98.5 98.5 98.9 98.5 98.9 98.5 GE GE 8001 96.5 98.0 98.0 98 · 8 98.9 98.9 98.9 98.9 98.9 700 97.2 96.5 98.9 98.9 98.9 98.9 GE 600 98.9 98.9 GE 5001 96.5 97.2 97.6 98.1 98.7 98.7 98.5 99.1 99.1 99.2 99.3 99.3 99.3 99.3 99.3 99.3 G€ 4001 96.5 97.2 97.6 98.1 98.1 98.5 99.1 99.1 99.2 99.2 99.2 99.4 99.5 99.3 99.6 99.8 99.3 99.6 99.8 99.4 99.4 3001 97.2 97.6 96.5 98.5 98.7 99.8 99.8 99.8 99.8 2001 96.5 96.5 97.2 97.2 GE 98.1 100.0 100.0 100.0 100.0 98.1 98.5 98.7 99.2 99.2 100.0 01 97.2 97.6 98.5 98.7 99.2 99.5 99.8 99.8 100.0 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAN PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 1500-1700 VISIBILITY IN STATUTE HILES CEILING 6E 2 6E 1 1/2 CF. FEET 3 2 1/2 1 1/4 6 5 3/4 5 /8 1/2 5/16 1/4 0 GE 200001 71.7 71.7 72.1 72.8 71.7 71.7 71.7 71.7 71.7 71.7 71 .7 71.7 71.7 71.7 71.7 71.7 71.7 GE 18000 72.1 72.1 72.1 72.1 72.8 72.1 72.8 72.1 72.8 72.1 72.1 72.1 72.8 72.1 72.8 72.1 72.8 74.2 72.1 72.8 72.1 72.1 72.8 72.8 74.2 72 • 8 74 • 2 72.8 74.2 GE 14000 76.0 GE 120001 76.D 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 6E 100001 78.8 78.8 79.2 78.8 79.2 78 .8 79 .2 78.8 79.2 78.8 78.8 78.8 78.8 78.8 76.8 78.8 78.8 78.8 78.8 90001 79.2 79.2 83.1 79.2 83.1 79.2 79.2 79.2 79.2 79.2 79.2 GE 79.2 79.2 83.1 83.1 83.1 84.4 10008 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 84.4 84.4 84 .4 GE Tonol 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.9 50001 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 86.1 87.9 85.8 85.8 85.8 86.1 86.1 86.1 86.1 87.9 86.1 87.9 86.1 86.1 87.9 86.1 87.9 GE 45001 86.1 86.1 86.1 86.1 86.1 86.1 40001 87.9 87.9 87.9

GE 90.2 87.9 90.2 90.2 90.2 90.2 92.4 90.Z 92.4 90.2 90-0 90.2 30001 92.1 92.2 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.2 92.4 92.8 92.3 92.7 93.0 92.6 92.9 93.3 92.6 92.9 GF 25001 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.9 92.6 92.9 92.9 92.9 92.9 20001 92.9 92.9 GE 92.9 93.3 92.9 92.9 GE 93.3 18001 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 15001 94 . 6 94.7 94.1 94.3 94.7 94.7 94.7 94.7 94.7 94.7 94.7 97.0 12001 97.6 97.8 98.2 10001 97.2 98.1 98.1 98.1 6E 96.6 97.5 97.6 97.8 98.0 98.0 98.4 98.1 98.1 GE GE 9001 :1 96.7 96.8 97.3 97.6 97.6 98.0 97.8 98.2 97.9 98.1 98.8 98 •1 98 •8 98 · 1 98 · 9 98.2 98.2 98.2 96.2 99.1 98.2 99.1 98.2 99.1 GE GE 98.2 7001 . 1 97.6 98.0 98.2 98.5 98.8 98.8 98.9 99.1 99.1 99.1 99.1 96.8 98.9 99.1 99.1 99.1 99.1 6801 - 1 97.6 98.0 98.2 98.2 98.5 98.8 98.8 98.3 98.3 98.3 6E 5001 . 1 97.6 98.0 98.6 98.6 98.6 99.1 99.3 99.3 99.3 99.3 99.3 96.8 98.3 99.2 99.3 99.1 96.8 96.8 99.1 99.1 99.6 99.6 99.9 •1 97.6 98.3 98.3 99.1 99.2 99.6 99.6 99.6 GE GE 4001 98.0 98 • D 99.6 3001 99.8 99.8 99.8 99.8 98.3 99.1 99.1 99.3 98.3 98.6 100.0 100.0 2001 . 1 96.8 97.6 100.D 98.0 99.1 1001 . 1 98.3 98 . 6 99.1 100.0 100.0 100.0 100.0

99.1

99.9

99.9

100.0 100.0 100.0

100.0

TOTAL NUMBER OF OBSERVATIONS: 84

98.0

98.3

98.3

οt

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | | | STATE | ON NAME: | | ERSEN AF | | | | | | OF REC | HOURS | (LST); | 1800-2 | 100 |
|----------|-----------|-------------|---------------|---------|----------|---------|-----------------|------|-------------|-------------|---------|-----------|---------------|---------------|------------|-----------|---|
| | ILING | • • • • • • | • • • • • • • | ••••• | ••••• | •••• | • • • • • • • • | | | IN STAT | | FS | • • • • • • • | • • • • • • • | ••••• | | * |
| FI | IN EET | GE 10 | GE 6 | 6E 5 | GE 4 | GE 3 | GE 2 1/2 | 6E | 6€ 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | 6E 1/2 | GE 5/16 | GE 1/4 | GE O |
| | CETL | •••• | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.0 | 59.9 |
| GΕ | 20000 | 1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE | 18000 | 1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| G€ | 16000 | l . | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| GE | 14000 | 1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| 6£ | 12000 | i | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75 • 3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 6£ | 10000 | ı | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE | 9000 | | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.a | 78 . 8 |
| GE | 8000 | | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE | 7000 | } | 84.8 | 84.8 | 84 . 6 | 84.8 | 84.8 | 88 | 84 - 8 | 84 .8 | 84.8 | 84.8 | 84.8 | 84.6 | 84.8 | 84.8 | 84.8 |
| ΒE | 6000 | ì | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE | 5000 | ı | 86.4 | 86.6 | 86 . 6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE | 4500 | | 86.5 | 86.8 | 86 . 8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE | 4000 | | 87.9 | 88.2 | 88.3 | 88.4 | 88. 4 | 88.9 | 88.4 | 88 .4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GΕ | 3500 | | 89.6 | 89.8 | 90 • D | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90 - 1 | 90.1 | 90.1 | 90.1 | 90-1 | 90.1 | 90.1 |
| ΘE | 3000 | i | 92.6 | 92.9 | 93 · D | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE | 2500 | | 92.9 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE | 2000 | - | 93.4 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94 .1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 6E | 1800 | | 93.5 | 94.0 | 94.1 | 94 . 2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE | 1500 | | 95.2 | 95.6 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96 .D | 96 . D | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96 a B |
| GΕ | 1200 | • | 96.6 | 97.3 | 97.5 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE | 1000 | | 97.2 | 98.0 | 98.2 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 6E | 900 | | 97.3 | 98.1 | 98.3 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 6E | 800 | | 97.4 | 98.2 | 98.6 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 700 | • | 97.4 | 98.2 | 98.6 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 600 | | 97.4 | 98.2 | 98.7 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | | 97.4 | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 6E | 400 | | 97.5 | 98.3 | 98.8 | 99.3 | 99.4 | 99.8 | 99.8 | 99.B | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE GE | 300 | | 97.5 | 98.3 | 98.8 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6E | 200 | | 97.5 | 98.3 | 98.8 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| O.E. | 100 | , | 97.5 | 98.3 | 98 - 8 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 0 | l | 97.5 | 98.3 | 98.8 | 99.3 | 99.4 | 99.8 | 99 • 8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: FEB HOURS(LST): 2100-2300 CEILING VISIBILITY IN STATUTE HILES GE 5 GE₂ GF 6 E GE SE GF GE GF GF 6E 1 1/2 1 1/4 10 5/8 1/4 5/16 NO CEIL ! 60.8 60.8 60,8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 GE 200001 71.9 71.9 71.9 71.9 71.9 GE 18000 71.9 72.2 71.9 72.2 71.9 GE 14000 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 GE 120001 74.8 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 77.5 77.7 77.5 77.7 GE 100001 77.4 77.5 77.5 77.5 77.5 77.7 77.5 77.5 77.7 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.7 77.7 11.7 77.7 83.0 9nnnl 77.7 6E 8000 82.9 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 84.3 85.2 84.3 85.2 GE 70001 84.2 84.3 84.3 84.3 84 .3 84.3 84.3 84.3 84.3 84.3 84.3 60001 85.2 A5 . 2 87.0 6E 50001 86.9 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.D 87.5 90.0 87.6 87.6 90.2 91.4 93.9 87.6 90.2 87.6 90.2 87.6 90.2 87.6 87.6 90.2 91.4 87.6 90.2 87.6 90.2 GE 45001 87·6 90·2 87.6 87.6 87.6 GE 40001 90.2 91.4 93.9 90.2 90.2 90.2 3500 90.9 91.4 91.4 91.4 93.9 93.9 30001 93.4 93.9 93.9 GE GE 93.4 93.5 93.9 94.0 93.9 94.0 93.9 94.0 25001 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.4 93.9 20001 94.0 94.0 96.2 94.0 94.1 96.7 94.0 94.0 94.0 94.0 94 • [] 94 • [] 94.0 94.0 94.0 94.0 94.0 94.1 94 •1 GE 18001 93.5 94.1 94.1 94.1 94.1 94.1 94.1 96.7 98.1 96.8 98.2 95.6 96.6 96.8 98.2 96.8 98.2 96 · 8 98 · 2 96.8 96.8 98.2 GE 1500 95.0 96.8 1200 96.1 98.2 GE 10001 96.2 97.9 98.2 98.3 98.5 98.6 98.7 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 GE GE 9001 8001 97.4 98.0 98.3 98.3 98.7 98.7 98.8 98.9 96.2 98 •8 99 •2 98.9 98.9 98.9 98.9 99.3 99.3 96.5 98.8 99.3 99.3 99.3 99.3 99.3 99.3 99.3 700 98.8 99.3 96.5 99.3 99.5 99.3 GE 6001 96.6 97.8 98.5 98.9 99.1 99.3 99.4 99.5 99.5 99.5 99.5 99.5 99.6 99.6 99.8 GE 5001 96.6 97.8 98.6 99.1 99.2 99.2 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.6 99.8 97.8 98.6 98.6 99.1 99.2 99.8 99.9 4001 96.6 9915 99.8 99.8 99.9 99.8 99.9 99.8 99.8 99.8 3001 96.6 97.8 99.3 99.6 99.9 99.9 99.9 6E 2001 98.6 99 • 2 99 • 2 99.3 99.6 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.0 1001 98.6 99.9 100.0 100.0 100.0 100.0 99.3 99.6 6E 97.8 99.8 96.6 98.6 99.2 99.3 99.6 99.0 99.9 99.9 99.9 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HOURS (LST): MONTH: FEB CEILING VISIBILITY IN STATUTE MILES GE GE GE IN | GE FLET | 10 GE 6 GΕ G_E 5/8 GΕ GE GE GE 2 1 1/2 1 1/4 GE GF GE GE GF 3 2 1/2 5/16 0 NO CEIL I 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 GE 200001 69.1 69.1 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 GE 180001 69.5 69.5 69.5 69.5 69.5 69.5 69.8 69.5 69.8 69.5 69.8 69.4 69.5 69.5 69.5 69.5 69.5 69.5 GE 160001 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 70.4 72.3 70.4 72.3 70.4 72.3 70 -4 70.4 72.3 70.4 GE 143001 70.3 70.4 70.4 70.4 70.4 70.4 70.4 70-4 70.4 120001 72.3 GE 10000| 75.8 75.7 75.7 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.9 8_{1.}7 82.9 9000 l 8000 l 76.0 81.8 76.0 76.0 76. D 76.0 76.0 81.9 76.D 81.9 76.0 81.9 76.0 76.0 81.9 76.0 81.9 76.0 81.9 76.0 81.9 76.0 81.9 83.1 81.9 83.1 81.9 81.9 70001 GΕ 60001 83.4 83.5 83.6 83.6 83.6 83.6 83.6 83.6 50001 GE 84.6 84.8 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 85.3 87.9 90.0 45001 85.3 87.8 85.3 85.3 85.3 87.9 85.3 87.9 85.3 87.9 85,3 85.0 87.4 85.2 87.7 85.3 85.3 85.3 85.3 87.9 85.3 87.9 87.8 90.0 4000t 87.8 87.9 87.9 35001 GE 89.4 89.7 89.9 90.0 90.0 90.0 90.0 90.8 90.0 90.0 90.0 90.0 90.0 30001 91.8 92.5 92.7 2500l 92 • 6 92.7 92.7 92.7 92.7 92.7 92.7 92.7 93.1 93.3 95.6 93.1 93.4 95.7 93.1 93.4 95.7 93.1 93.4 GE GE 2000| 1800| 92.3 92.5 92.8 93.0 93.0 93.2 93.1 93.3 93.1 93.4 93.1 93.4 93.1 93.4 93.1 93.4 93.1 93.4 93.1 93.4 93.1 93.4 15001 94.2 94.8 95.2 95.5 95.7 95.7 95.7 95.7 95.7 97.0 97.1 12001 .0 95.2 96.0 96.5 96.9 97.2 97.2 97.2 97.2 10001 98.2 GE • 0 95.8 96.7 97.4 97.8 97.9 98.1 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.4 9001 95.8 96.8 97.5 97.9 98.0 98.2 98.6 98.7 98.3 98.7 98.3 98.4 98.4 • 0 GE GE •0 97.7 98.4 98.5 98 • 8 98 • 9 98.8 98.9 8001 96.0 98.2 98.8 98.8 98.8 98.8 98.8 98.9 97.8 7001 96.0 98.3 98.9 98.9 98.9 98.9 99.2 GE 600İ 98.7 98.9 99.1 99.1 99.2 99.2 GE 5001 . 0 96.2 97.2 98.0 98.7 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.2 98.9 99.4 99.4 99.6 GE. 4001 • 0 96.2 97.3 98.1 98.8 99.5 99.6 99.6 99.6 99.6 99.6 99.8 99.9 3001 .0 96.2 97.3 98.2 98.9 99.0 99.7 99.8 99.9 99.9 .0 99.0 2001 96.3 97.4 98.2 98.9 99.3 99.6 4.00 99.7 99.9 100.0 100.0 100.0 100.0 1001 99.6 99.6 97.4 99.7 99.9 96.3 98.2 98.9 99.0 99.3 100.0 100.0 100.0 100.0 01 99.9 100.0 100.0 100.0 100.0 GΕ .0 96.3 97.4 98.2 98.9 99.0 99.3 99.6 99.6 99.7 99.9

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAN PERIOD OF RECORD: 78-87 MONTH: MAR HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES CEILING GE GE 4 Œ 9 E 6E 1 1/4 GE 1/4 6E GF GF GE FEET **`**5 3 2 1/2 1 1/2 5/8 τ. ο 10 1 3/4 6 1/2 5/16 NO CEIL | 65.6 65.6 65.6 65.6 65.6 65.6 65.6 65.6 6E 200001 76.0 76.1 76.1 76.1 76 - 1 GE 180001 GE 160001 76.0 76.2 76.1 76.1 76.1 76.1 76.3 76.1 76.3 76.1 76.3 76.1 76.3 76.1 76.3 76.1 76.3 76.1 76.3 76.1 76.3 76.1 76.3 76.1 76.3 76.1 . 1 76.3 76.3 77.2 76.3 76.3 140001 77.1 77.2 78.2 77.2 77.2 77.2 GE 120001 . 1 78.1 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2 GE 10000 . 1 81.5 81.7 81.7 81.7 81.7 R1.7 81.7 81.7 82.2 87.6 81.7 81.7 81.7 81.7 81.7 81.7 81.7 9000 81.9 82.2 82.2 82.2 82.2 82.2 82.2 82.2 87.6 : 1 82.2 87.6 82.2 82.2 82.2 87.6 82.2 87.6 88.6 GF 80001 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 88.4 88.6 88.6 GE 70001 . 1 88.6 88.6 88.6 88.6 88.4 88 -6 88.6 88.6 88.6 88.6 88.6 60001 89.0 89.0 89.0 89.7 90.3 GE 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 50001 89.9 89.9 40001 90.6 90.6 90.6 92.0 90.6 90.6 90.6 92.0 90.6 92.0 90.6 GE . 1 90.6 90.6 90.6 90.6 90.6 90.6 68 92.0 91.7 92.0 93.7 95.5 92.0 92.0 92.0 92.0 . 1 35001 93.7 30001 94.9 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 GE GE 95.6 25001 94.9 95.3 95.5 95.8 95 · 6 95 · 9 95.6 96.0 95.6 95.6 95.6 . 1 95.6 95.6 95.6 95.6 95.6 95.6 95.6 20001 96.0 96.0 96.0 96.0 96.0 96.0 96.1 96.0 . 1 96.0 96.0 96.0 96.0 96.0 98.1 98.3 95.9 GΕ 1800 95.4 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 150ni 98.5 98.7 98.6 98.8 98.6 98.8 98.6 98.8 98.6 98.6 98.8 GE 96.8 98 .6 98.4 98.6 98.6 98.6 12001 98.8 99.4 99.4 99.6 GE 1000] . 1 97.3 98.3 98.7 99.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 97.3 98.7 98.9 99.4 99.4 99.4 99.4 99.4 99.4 GE 900 :1 98.3 98.5 99.1 99.1 99.4 99.4 800 99.6 GE 99.4 99.5 99.4 99.6 7001 99.7 6E 6001 . 1 98.6 99.5 99.7 99.7 99.7 99.7 97.5 97.5 97.5 GE GE 5001 . 1 98.6 99 - 1 99.6 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 4001 99.8 99.9 99.9 99.9 99.1 99.1 99.9 99.9 . 1 98.6 99.6 99.6 99.6 99.6 99.9 99.9 99.9 99.9 3001 98.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 2001 . 1 97.6 98.7 99.2 99.7 99.7 99.9 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 1001 100.0 100.0 100.0 100.0 100.0

99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS: 930

97.6

98.7

90.2

99.7

99.7

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | ATION NU | MBER: | 912180 | STATI | ON NAME: | A ND E | RSEN AF | B GUAM | | | | | OF REC | | | 0300-05 | :00 | |
|-------|---------------|-----------|---|-------------|---------------|-------------|-------------|---------------|-------------|-----------------|--------|--------|--------|-------------|-------|---------------|-----------------|-------|
| | | | | | | | | | | | | | I MAR | | | | _ | |
| | ILING | | • | | | | | | | IN STAT | | | ••••• | ••••• | | | | |
| 1 | IN I | GE | G€ | GE | GE | GΕ | GE | GE | GE | GE | GE | GE | 68 | 6E | GE | GE | GE | |
| F | EET 1 | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 | |
| • • • | • • • • • • • | • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • • | | | ••••• | • • • • • • | ••••• | • • • • • • • | • • • • • • • • | • • • |
| NO | CEIL I | | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | |
| GE | 200001 | | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | |
| GE | 180001 | | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | |
| GE | 160001 | | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76 - 5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | |
| GE | 140001 | | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | |
| GE | 120001 | | 77.8 | 77.8 | 77 •8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | |
| GE | 100001 | | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | |
| GE | 90001 | | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | |
| GE | 80001 | | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | |
| GE | 70001 | | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | |
| GE | 60001 | | 87.8 | 87.8 | 87.8 | 87.8 | 8 7 . 8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | |
| GE | 50001 | | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88 .6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | |
| 6E | 4500 | | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 86,9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | |
| GΕ | 40001 | | 90.6 | 90.6 | 90 • 8 | 90.8 | 9 🖰 8 | 90.B | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90 • 8 | |
| GE | 3500 | | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | |
| GE | 30001 | | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95 • 1 | 95 • 1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | |
| GΕ | 25001 | | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | |
| GE | 2000 | | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | |
| GE | 18001 | | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| GE | 1500 | | 97.0 | 97.6 | 97.7 | 97.8 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.B | |
| GE | 12001 | | 97.4 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98 • 3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | |
| GE | 1000 | | 97.8 | 98.5 | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ΘE | 900 | | 97.8 | 98.5 | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GΕ | 8001 | | 97.8 | 98.5 | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE | 700 | | 98.0 | 98.6 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE | 6001 | | 98.1 | 98.8 | 99.1 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE | 5001 | | 98.2 | 98.9 | 99 • 2 | 99.7 | 99.8 | 99.9 | 99,9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 4001 | | 98.2 | 98.9 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 300 | | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 200 | | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 1001 | | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.C | 100.0 | 100.0 | 100.0 | |
| GE | 01 | | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 HOURS(LST): 0600-0800 MONTH: MAR CE IL ING VISIBILITY IN STATUTE MILES GE GE GE IN | FEET | 10 5 3 2 1/2 1 1/2 1 1/4 3/4 5/8 1/2 5/16 1/4 0 2 NO CEIL I 63.9 63.9 63.9 63.9 6 3. 9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 GE 200001 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.7 74.8 74.7 74.8 74.7 74.7 GE 180001 GE 160001 74.7 74.8 74.7 74.8 74.7 74.8 74.7 74.8 74.7 74.8 74.7 74.7 74.7 74.7 74.8 74.7 74.8 74.7 74.8 74.8 74.8 74.8 140001 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75•7 76•7 75.7 75.7 75.7 75.7 GE 12000 80.8 GE 100001 80.8 80.8 80.8 80.8 80.8 80.8 80.8 80.8 80.8 80.8 80.8 80.8 80.8 80.8 81.0 86.1 86.2 81.0 86.0 81.0 86.1 81.0 86.1 81.0 86.1 81.0 86.1 81.0 81.0 86.1 90001 81.0 81.0 81.0 81.0 81.0 81.0 81.0 8000 7000 86.1 86.1 86.1 86.1 86.2 86.1 86.1 86.1 GE 86 .2 GE 60001 86.9 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 50001 87.4 87.5 GE 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.8 89.6 91.6 87.8 87.8 89.6 87.8 89.6 87.8 87.8 89.6 4500 87.6 87.7 87.8 87.8 87.8 87.8 87.8 4000 l 3500 l 89.2 91.2 89.4 89.6 89.6 89.6 91.6 89.6 91.6 89.6 GE 89.5 89.6 89.6 91.5 91.6 GE 91.6 91.6 91.6 91.6 91.6 91.6 6E 30001 94.0 GE 25001 94.1 94.3 94.4 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.7 6E 2000| 1800| 94.2 94.4 94.4 94.5 94.7 94.7 94.7 94.7 94.7 94.9 94.7 94.7 94.7 94.7 94.9 94.7 94.9 94.7 94.9 96.5 97.4 94.6 94 · 7 96 · 1 94.9 94.9 94.9 96.5 97.4 96.6 GE 15001 95.5 96.5 96.6 96.6 96.6 96.6 96.6 96.6 97.0 GE 97.6 97.4 97.5 GE 10001 97.1 98.0 98.1 98.5 98.5 98.5 98.5 98.5 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 99.0 99.4 98 • 7 99 • 1 97.1 98.1 98.4 98.7 98.5 98.8 99.1 98.6 98.9 98.7 99.0 98.7 99.1 98.7 99.1 GE 900 98.0 98.2 98.5 98.5 98.5 98.5 GE 8001 97.3 98.8 99.1 98.8 98.8 98.8 99.1 99.1 700 99.4 6001 97.5 98.4 99.5 99.5 99.7 99.7 GE Sont 97.5 98.4 98.8 99.2 99.2 99.4 99.4 99.4 99.5 99.6 99.6 99.8 99.8 99.8 99.8 98.4 98.4 97.5 98.8 98.8 99 •2 99 •2 99.4 99.4 99.4 99.4 99.5 99.7 99.7 99.9 99.9 99.9 99.9 GE 4001 99.2 99.4 99.4 99.4 99.2 GE 3001 97.5 99.4 99.5 99.7 100.0 100-0 100.0 GE GE 98.4 98.4 99.4 99.5 99.5 99.7 99.7 100.0 2001 97.5 98.8 99.2 99.4 99.7 100.0 100.0 100.0 100 100.0 100.0 GE 97.5 98.4 98.8 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

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PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LS STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM HOURS (LST): 0900-1100 VISIBILITY IN STATUTE HILES GE GE RF CF CE IL ING GE GE GE 6€ Œ 1 1/2 1 1/4 1/4 10 3 2 1/2 2 3/4 5/8 1/2 5/16 מ NO CETL I 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 66 200001 76.6 76.7 76 .6 76 .7 76.6 76.7 76.6 76.7 76.9 78.3 76.6 76.6 76.6 76.6 76.7 76.6 76.6 76.5 76.6 76.7 76 .6 76.6 76.6 76 • 7 76 • 9 78 • 3 76.7 76.9 78.3 180001 76.6 76.7 76.7 76.7 76.7 76.7 76.9 76.9 78.3 76.9 78.3 76.9 78.3 76.9 78.3 76.9 78.3 76.9 78.3 76.9 78.3 GE 160001 76.8 76.9 76.9 76.9 GE 140001 78.2 78.3 78.3 78.3 78.3 80.3 80.4 80.4 80.4 8D.4 80.4 80.4 80.4 80.4 80.4 GE 100001 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 GE GE 90001 82.7 87.3 82.8 82.8 87.5 82.8 82.8 87.6 82.8 82.8 82.8 87.6 82 · 8 87 · 6 82.8 87.6 82.8 87.6 82.8 82.8 82.8 87.6 82.8 87.6 80001 87.6 88.0 87.6 88.0 88.0 7000 87.6 87.8 88. D GE 60001 88.6 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 89.2 89.5 91.1 89.2 89.5 91.1 89.2 89.5 91.1 GE 50001 88.8 89.0 89.1 89.2 89.5 89.2 89.5 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.5 91.1 89.5 91.1 89.5 91.1 93.5 89.0 89.4 89.5 91.1 93.5 89.5 91.1 93.5 89.5 GE 45001 89.2 89.5 91.1 GE 40001 90.6 90.9 91.0 91.1 91.1 91.1 93.0 93.2 95.4 93.5 93.5 93.5 93.5 93.5 93.5 GE 35001 92.8 93.5 30001 95.7 GE 95.8 95.8 95.8 95.8 25001 94.9 95.5 95.8 95.8 95.8 95.8 95.8 95.8 94.9 95.1 96.5 97.2 95.8 95.9 97.6 GE 20001 18001 95.8 95.B 96.1 95.8 96.1 95 .8 96 .1 95.8 95.8 95.8 95.8 96.1 95.8 95.8 96.1 95.2 95.5 95.8 96.1 95.3 96.8 97.5 95 • 6 97 • 1 98.1 98.1 98.1 98.1 98.1 GE 12001 98.6 99.0 99.0 99.0 99.0 99.0 97.5 99.2 99.4 GE 10001 97.8 98.9 99.4 99.4 99.4 99.4 99.4 99.4 98.2 98.8 49.4 99.4 99.5 99.8 99.8 99.5 99.8 99.8 99.5 99.8 97.6 97.8 97.8 99.4 99.5 99.5 99.5 99.5 99.5 6E 98.3 99.0 9001 98.0 98.2 98.9 99.5 99.1 99.2 99.6 99.6 99.7 99.7 8001 98.5 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 GE GE 98.2 98.5 99.7 99.8 7001 99.7 6001 99.9 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 Sont 98.1 98.1 98.1 99.4 99.5 99.9 100.0 98.4 98.7 98.4 98.7 98.7 99.5 99.5 99.5 99.8 99.9 100.0 GE 4001 99.4 99.9 99.9 100.0 100.D 100.0 100.0 100.0 GE 300i 99.9 99.9 99.9 100.0 100.0 100.0 100-0 100.0 100.0 ĞΕ 2001 98.7 100.0 100.0 100.0 100 98.1 98.4 98.7 99.5 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 nı 98.4 99.8 00.0 00.0 00.9 100.0 100.0 100.0 100.0 100.0 98 - 7

TOTAL NUMBER OF OBSERVATIONS:

930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | - | | MBER: | 912180 | STATI | ON NAME: | | | | | | | HONTH | OF REC | HOURS | (LST): | 1200-14 | 00 | |
|----|-----------|-----|-----------|---------------|---------------|---------------|-----------|-------------------|-------|-------|---|--------|---------------|-------------|---------------|-------------|---------------|---------------|-------|
| | ILING | | • • • • • | • • • • • • • | • • • • • • • | •••••• | • • • • • | • • • • • • • • • | | | IN STAT | | | • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• | • • |
| | IN EET | 1 | ee E | GE 6 | GE 5 | GE • | GE 3 | GE 2 1/2 | 6E | 6E | 66 | 6E 1 | 6E 3/4 | GΕ 5/8 | GE 1/2 | 6E 5/16 | 6E 1/4 | GE O | |
| •• | • • • • • | ••• | • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • | | | ••••• | • | | | • • • • • • | | • • • • • • | • • • • • • | • • • • • • | ٠., |
| NO | CEIL | 1 | | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | |
| 6E | 2000 | 01 | . 1 | 80.2 | 80.2 | 80.2 | 80.2 | 8G. 2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | |
| GE | 1800 | ٥ί | . 1 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | |
| GΕ | 1600 | ŌΙ | . 1 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80 - 8 | 80.8 | 80.8 | 80.8 | |
| 6E | 1400 | 01 | • 1 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | |
| 6E | 1200 | 01 | . 1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83,1 | 83.1 | |
| GE | 1000 | 01 | . 1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | |
| GE | 900 | 01 | . 1 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | |
| GE | 800 | 0 | . 1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90 - 3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 98.3 | 90.3 | |
| GE | 700 | σi | . 1 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 98.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | |
| GE | 600 | 0 | . 1 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | |
| GE | 500 | 01 | . 1 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | |
| GE | 450 | 01 | . 1 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | |
| GE | 400 | ol | .1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94 .2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | |
| GE | 350 | ŌΙ | . 1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| GE | 300 | 01 | . 1 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96 •8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | |
| GE | 250 | 01 | . 1 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | |
| GE | | | • 1 | 97.2 | 97.3 | 97.3 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | |
| GE | | | • 1 | 97.3 | 97.4 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | |
| GE | | | .1 | 97.7 | 98.0 | 98.0 | 98.2 | 98.4 | 98.5 | 98.5 | 98 - 5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | |
| GE | | | . 1 | 98.1 | 98.3 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99 • 2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | |
| GE | 100 | 01 | . 1 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | | | .1 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | | | .i | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | | | .1 | 98.7 | 98.9 | 99 . B | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | |
| GE | | | .1 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100,0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| G€ | 50 | 01 | .1 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 40 | οi | - 1 | 98.7 | 98.9 | 99 . D | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 30 | οi | . 1 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GF | 20 | 01 | .1 | 98.7 | 98.9 | 99 . D | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | | | • 1 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | | 01 | . 1 | 98.7 | 98.9 | 99.D | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| •• | •••• | ••• | • • • • • | • • • • • • • | ••••• | ••••• | •••• | • • • • • • • | ••••• | ••••• | • • • • • • • • | | • • • • • • • | ••••• | • • • • • • | | • • • • • • • | • • • • • • • | • • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| LEKTOD (| Dr neco | MU: 10-6' | |
|----------|---------|-------------|-----------|
| HONTH: | MAR | HOURS(LST): | 1500-1700 |
| | | | |

| | | | | | | | | | | | | | | 1100113 | | | | |
|-------|---------------|-------------|-------|-------|---------------|---------------|---------------|-------------|--------|---------------|---------------|---------------|---------------|---------------|---------|---------------|-----------------|---|
| | | | | ••••• | | • • • • • • • | | | | • • • • • • • | | | | | | • • • • • • | | • |
| CE 1 | LING | | | | | | | AISI | BILITY | IN STATE | UTE MIL | .ES | | | | | | |
| 1 | IN I | 6E | GE | 6 E | GE | 66 | GE | 3 B | 6E | 6 E | GE | GE | 66 | GE | GE | GΕ | GE | |
| | ET I | 10 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | Ď | |
| , . | | • • • | • | - | • | • | ,- | 2 | | | • | 3.7 | 3.0 | .,. | 37.0 | • | Ū | |
| ••• | • • • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | •••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • • | • |
| | _ | | | | | | | | | | | | | | | | | |
| NO | CEIL ! | | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | |
| | | | | | | | | | | | | | | | | | | |
| 6F | 200001 | | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | |
| | 180001 | | 81.9 | 81.9 | 81.9 | 81.9 | | | | | | | | 81.9 | | | 61.9 | |
| | | | | | | | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | | 81.9 | 81.9 | | |
| | 160001 | | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | |
| GE | 14000) | | 83.D | 83.0 | 83.0 | 83.0 | 8 3. D | 83.D | 83.0 | 83.0 | 83.0 | 63.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | |
| 6E | 120001 | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | |
| | | | 4 | 0 | • | • | | • | | | | | | • | | - •- | | |
| GΕ | 100001 | | 86.7 | | 86.9 | | | | | | | | | | | | 86.9 | |
| | | | | 86.8 | | 86.9 | 86.9 | 86 + 9 | 86.9 | 86.9 | 86 • 9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | | |
| GE | 90001 | | 86.9 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87 - 1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | |
| GE | 80001 | | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | |
| GE | 70001 | | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | |
| GE | 60001 | | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | |
| UC | 00001 | | ,,,, | ,,,, | ,3.0 | A3.0 | 73.0 | 73.0 | 73.0 | 73 40 | 73.0 | 73.0 | 73.0 | 73.0 | 7 3 6 6 | 73.0 | 73.0 | |
| | | | | | | | | | | | | | | | | | | |
| GE | 5000 i | | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| GE | 45001 | | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | |
| GE | 40001 | | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | |
| G€ | 35001 | | 95.8 | 95.9 | 96 • D | 96.0 | 96. G | 96.0 | 96.0 | 96 •⊓ | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | |
| GE | 30001 | | 96.5 | 96.6 | 96.7 | | | | | | | | | | 96.7 | 96.7 | | |
| OE | 30001 | | 70.3 | 70.0 | 70.1 | 96.7 | 96.7 | 96 • 7 | 96.7 | 96 .7 | 96.7 | 96.7 | 96.7 | 96.7 | 70.1 | 70.1 | 96.7 | |
| | | | | | | | | | | | | | | | | | | |
| 6E | 25001 | | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96 • 8 | 96.8 | 96.8 | 96.8 | 96.8 | |
| GE | 20001 | | 96.7 | 96.8 | 97.0 | 97.1 | 97.1. | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | |
| 39 | 18001 | | 96.7 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| 6E | 15001 | | 97.0 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | |
| | | | | | | | | | | | | | | | | | | |
| GE | 12001 | | 97.6 | 98.1 | 98.4 | 98.5 | 98.5 | 98,6 | 98.6 | 98 • 6 | 98.7 | 98.8 | 98.8 | 98.5 | 98.8 | 98.8 | 98.8 | |
| | | | | | | | | | | | | | | | | | | |
| GE | 10001 | | 98.2 | 98.6 | 98.9 | 99.B | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE | 9001 | | 98.3 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE | 8001 | | 98.3 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| | | | | | | | | | | | | | | | | | | |
| GE | 7001 | | 98.3 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GĒ | 6001 | | 98.3 | 98.7 | 99 • D | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| | | | | | | | | | | | | | | | | | | |
| GE | 5001 | | 98.3 | 98.8 | 99.1 | 99 • 2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE | 4001 | | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| | | | | | | | | | | | | | | | | | | |
| GΕ | 3001 | | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 2001 | | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | |
| GE | 100 | | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | • | | | | | | | | | | | | | _ | _ | | | |
| GE | 01 | | 98.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| _ | | | | 7710 | ,,,, | ,, | , , , , , | ,,,,, | .,,, | | | | | | | 10000 | 10010 | : |
| • • • | | | | | | | | | | | | | | | | | | • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: MAR HOURS (1 ST): 1800-2000 CE ILING VISIBILITY IN STATUTE MILES IN | GE FEET | 11 GE GE GE 6 E GE 6E SE GE GE 2 1 1/2 1 1/4 GE GE GE 10 3 2 1/2 3/4 5/8 1/2 5/16 1/4 0 NO CETL I 49.8 69.8 69.8 69.8 69.7 60.7 49.8 69.8 69.8 69.8 69.R 69.R 40 . R 78.6 78.6 78.7 78.9 78.7 78.7 78.7 6E 200001 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.8 79.9 78.9 78.9 60.0 78,9 80.0 78.6 78.9 78 · 9 80 .0 78.9 78.9 78.9 78.9 78.9 6E 18nnn1 78.9 78.9 GE 160001 79.9 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 GE 140001 80.3 80.3 80.4 80.4 80.4 82.3 80.4 80.4 82.3 80.4 80.4 80.4 80.4 82.3 80.4 82.3 80.4 80.4 80.4 82.3 82.3 82.2 82.2 82.3 82 . 3 82.3 **6**E 100001 84.9 84.9 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85 - 1 85.1 85.1 85.7 90.5 91.4 85.7 90.5 91.4 GE GE 90001 85.6 85.6 90.3 85.7 85.7 85.7 85.7 85.7 85.7 85.7 90.5 80001 90.3 90.4 90.4 90.4 90.5 90.5 90.5 90.5 90.5 90.5 7000 91.2 91.4 91.4 91.3 91.4 91.4 91.3 6F 60001 91.3 91.5 91.5 91.5 91.5 GE 50001 92.0 92.0 92.2 92.2 92.2 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.6 92.8 93.8 GE 45001 92.6 92.7 92.7 92.7 93.7 92.8 92.8 93.8 92.8 93.8 92.8 93.8 92.8 93.8 92.8 93.8 92.8 92.8 92.8 4000 93.4 93.5 93.7 93.8 93.8 93.8 94.4 94.8 94.8 GE 35001 94.5 94.6 94.7 94.8 94.8 94 .8 94 . A 94.8 94.8 94.8 3000 96.2 96.3 25001 95.9 96.1 96.3 96.5 GF 96.5 96.6 96.6 96.6 96.6 96 . 6 96.6 96.6 96.6 96.6 96.6 96.8 97.0 96.8 97.0 96.8 97.0 96.8 96.8 96.8 97.0 GĒ 20001 96.1 96.3 96.6 96.7 96.7 96.8 96.8 97.0 96.8 96.3 97.2 96.6 96 · 8 97 . 7 96.9 97.8 97.0 97.0 6.F 18001 96.9 1500 97.8 98.7 GE 98.0 98.0 98.0 98.0 98.0 98.0 98.0 12001 98.1 98.4 99.2 GE 10001 98.5 98.6 99.g 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 9001 98.5 98.5 98.8 98.8 99.0 99.2 99.2 99.2 99.2 99.2 99.2 99.2 GE 99.1 99.1 99.2 99.2 99.1 99.1 99.2 99.2 98.5 98.5 98.8 99.1 99.1 99.1 99.2 99.2 99.2 GΕ 700 99.0 99.2 99.2 99.2 99.0 GF 6001 99.2 99.2 99.2 5001 99.1 GE 98.7 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.4 99.5 99.7 99.7 99.7 99.4 98.7 98.7 99.5 99.5 99.5 100.0 9001 100 -0 99.5 99.7 100.0 100.0 100.0 100.0 100-0 100.0 99.1 99.7 GE 3001 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 2001 99.7 100,0 100.0 100.0 100.0 99.5 100.0 100.0 G€ 100.0 100.0 100.0 100 99.1 100.0 100.0 100.0 100.0 100.0 100.0 01 100.0 100.0 100.0 100.0 99.1 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: MAR HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES CEILING GE GE GE 2 1 1/2 1 1/4 6E Œ GE 38 6E GE GE IN I DE FEET 1 10 3 2 1/2 5/A 1/2 5/16 1/4 ٥ 1/4 NO CEIL I 72.3 72.3 72.3 72.3 72.3 72.3 72.3 12.3 72.3 72.3 72.3 72.3 72.3 GE 200001 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 GE 180001 82.9 83.3 83.9 92.9 82.9 82,9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 GE 160001 GE 140001 83.3 83.4 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.9 83.3 83.3 83.3 83.3 83.3 83.3 83.9 83.9 GE 120001 84.7 87.3 87.7 92.0 GE 100001 87.2 87.3 87.3 87,3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 90001 87.7 87.7 92.0 87.7 87.7 92.0 92.4 87.7 92.0 92.4 GE G€ 87.6 87.7 87.7 87.7 87.7 92.0 87.7 87.7 87.7 87.7 8000 j 92.0 92.0 92 . D 92.0 92.0 92.0 92.0 92.0 92.0 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 GE 60001 92.5 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 93.0 93.0 93.1 93.9 93.0 93.0 93.1 93.0 93.1 93.9 6E 50 ag l 92.9 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.1 GE GE 93.1 93.9 94.8 45001 93.0 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.9 93.9 93.9 93.9 93.9 40001 93.6 93.9 93.9 93.9 93.9 93.9 GE 94.8 94.8 35001 94.8 94.6 94.8 94.7 94.8 94 .8 94.8 30001 96.6 GΕ 25001 96.5 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.9 97.3 98.4 99.1 96.9 97.3 20001 96.7 96.9 97.3 96.9 97.3 96.9 97.3 96.9 96.9 96.9 96.9 96.9 96.9 96.9 97.3 96.9 97.3 96.9 97.3 98.4 GE 15001 98.0 98.4 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 99.5 99.5 99.5 99.5 6E 12001 98.5 99.4 99.5 99.5 99.5 99.5 99.5 99.5 99.7 99.7 GE 10001 99.4 99.6 99.7 99.7 99.7 99.7 99.7 99.7 98.7 99.4 99.6 99.7 99.7 99.7 99.4 99.4 99.4 99.7 99.7 99.7 99.6 99.7 99.7 99.7 99.7 9001 98•7 98•7 99.4 99.6 GE 99.7 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 8001 99.7 99.7 99.7 99.7 7001 99.7 99.7 GE 98.7 99.7 99.7 6001 GΕ 5001 99.8 98.8 99.5 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 98.8 99.6 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 GE 4001 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 3001 99.9 99.9 99.9 2001 99.6 99.9 99.9 99.9 90.0 GE 100 98.8 99.6 99. R 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 Q I 98.8 99.6 99.8 90.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 VISIBILITY IN STATUTE MILES
GE GE GE GF
2 1 1/2 HONTH: MAR HOURS(LST): CEILING Œ ßF GF FEET 10 3 2 1/2 3/4 5/8 1/2 5/16 1/4 n NO CETL 1 .0 6E 200001 .0 78.3 78.3 76.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 18000| 16000| 78.5 78.6 78.5 78.8 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 78.5 78.9 :0 78.5 78.5 78•9 79•6 78.9 GF 140001 ٠0 79.6 79.6 79.6 79.6 79.6 79.6 GE 80.9 80.9 80.9 80.9 120001 .0 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.0 80.9 80.9 80.9 GE 100001 . 0 83.8 83.8 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9 B3.9 83.9 83.9 83.9 83.9 .0 84 • 2 89 • 2 89 • 7 84.2 84.2 84.2 GE 90001 84.1 84.2 84.2 89.2 89.7 84.2 84.2 84 .2 84.2 84.2 84.2 84.2 84.2 GΕ 80001 .0 89.2 89.3 89.7 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 70001 89.7 89.7 89.7 89.7 90.2 89.7 89.7 89.7 ĞΕ 60001 .0 90.0 90.1 90.1 90.2 90.2 90.2 90.2 90.8 GΕ 50001 .0 90.6 90.7 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 91.2 92.6 94.1 91.0 92.4 91.1 92.5 91.1 92.6 91.2 92.6 91.2 91.2 91.2 91.2 91.2 92.6 GF 450nl - 0 91.1 91.1 92.6 91.2 91.2 91.2 40001 92.6 92.6 92.6 94.1 • 0 GE 35001 .0 93.8 94.0 94 . 0 94.1 94.1 94.1 GE 95.8 95.9 30001 .0 95.5 95.7 95.9 95.9 95.9 95.9 95.9 GE 2500[. 6 95.6 95.8 96.0 96. D 95.9 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.3 GE GE 96.0 96 · 2 96 · 3 96.3 96.3 96.5 20001 • 0 96.3 96.5 96.3 96.4 96.4 96.4 96.4 96 • 3 96 • 5 96.4 96.2 96.5 .0 96.5 98.0 96.6 98.0 96.6 98.0 18001 96.0 96.6 96.6 96.6 96.6 GE 1500 .0 96.9 98.0 98.0 98.0 98.0 6F 12001 98.0 99.3 6E 10001 •0 98.0 98.5 98.8 99.1 99.2 99.3 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 GE GE 98.0 98.6 98.6 98.8 98.9 99.2 99.3 99.3 99.4 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.5 9001 .0 99.1 99.4 800 .0 99.2 99.5 99.5 .0 99.6 99.6 99.7 GE 7001 98.1 98.7 98.8 99.0 99.3 99.4 99.5 99.5 99.5 99.6 99.6 99.6 99.6 98.2 6001 99.4 99.6 GΕ 5001 98.2 98.8 99.1 99.5 99.5 99.7 99.8 99.9 99.9 99.8 99.8 99.8 99.7 99.7 99.8 99.8 99.8 • 0 GE GE 400 .0 98.3 98.9 99.2 99.5 99.6 99.7 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.5 3001 98.3 98.9 100.0 • 0 100.0 100.0 GE 2001 99.9 100.0 100.0 100.0 99.5 GE 1001 . 0 98.3 98.9 99.5 99.6 99.8 99.8 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS: 7440

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SLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM HONTH: APR HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES GE GE GF CEILING GΕ GF IN | FEET | 2 1 1/2 1 1/4 3 2 1/2 5/8 5/16 10 1 3/4 1/2 1/4 0 NO CEIL 1 72.4 72.4 72.4 71.6 71.9 72.0 72.4 72.4 72.4 72.4 GE 200001 81.4 82.4 83.2 83.4 83.4 82.1 83.2 A3.2 83.2 83.2 83.2 83.2 82.9 83.2 83.2 83.2 83.2 81.7 82.7 82.7 83.4 83.4 83.6 83.4 83.1 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 82.3 82.3 83.4 GE 160001 83.1 83.4 83.4 83.4 83.8 83.8 83.8 82.0 82.7 83.0 83.8 83.8 83.8 140001 83.4 GE 120001 GE GE GE 88.0 88.2 90.6 87.2 87.4 89.1 89.1 89.1 89.1 89.1 89.1 100001 88.3 88.8 89.1 89.1 89.1 B9 . 1 88.6 89.3 91.7 92.8 89.0 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 91.7 89.3 89.3 91.7 92001 80001 89.8 92.4 GE GE 70001 92.0 92.8 92.8 93.0 92.8 92.8 92.8 92.8 60001 91.1 91.9 92.2 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.2 94.4 95.3 93.4 93.7 94.9 93.8 GΕ 50001 91.9 92.7 92.9 93.8 93.8 93.8 93.8 93.8 91.8 93.8 93.8 93.8 93.8 92.1 93.1 94.D 95.2 94.0 95.2 96.1 94.0 95.2 94.0 95.2 GE 45001 94.0 95.2 94 .D 94.D 95.2 94.0 94.0 94.D 95.2 94.0 GE 94.0 95.2 GE 35001 94.9 95.8 96.1 96.1 96.1 96.1 96.7 94.0 96.1 96.1 96.7 96 • 1 96 • 7 96.1 96.1 96.1 GE 30001 96.7 GE 25001 94.6 95.4 95.9 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.3 96.7 96.8 97.0 97.7 96.8 97.0 97.7 GE GE 20001 18001 94.7 95.6 95.7 96.0 96.2 96.4 96.8 97.0 96.8 97.0 96.8 97.0 96 •8 97 •0 96 • 8 97 • 0 96.8 96.8 96.8 96.8 97.0 15001 97.3 97.7 97.7 97.7 97.7 GE 12001 95.9 97.6 98.1 98.4 98.4 98.6 98.6 98.6 GE 10001 96.2 97.2 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.2 98.0 98.8 99.1 99.1 99.1 99.1 99.1 99.2 99.2 99.1 99.2 99.2 99.2 99.3 99.3 99.1 99.1 99.2 99.2 99.1 99.2 99.2 99.2 GE GE 9001 96.2 97.2 98.0 98.8 99.1 99.2 99.2 99.2 99.2 99.2 99.3 99.3 8001 96.3 97.3 98.1 98.9 99.3 6E 7001 99.2 99.3 96.3 97.3 98.1 98.9 99.3 5001 99.9 100.0 GE 97.0 98.0 98.8 99.6 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 99.9 99.9 99.9 GΕ 4001 97.0 98.0 98.8 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 98.8 98.8 68 3001 97.0 98.0 99.6 99.9 100.0 100.0 100.0 2001 98,0 99.9 99.9 99.9 99.9 100.0 GE 1001 97.0 99.9 100-0 100.0 100.0 100.0 6E 01 97.0 98.0 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HONTH: APR HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES CEILING 6E GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 IN ! FEET ! 6E 5 6E 1 GE GE GE 5/8 10 6 1/4 0 3/4 1/2 5/16 NO CEIL ! 72.7 72.8 73.2 73.Z 73.2 73.2 6E 200001 85.3 85.3 84 . 6 85.0 85.3 85.3 85.3 85.0 85.2 87.9 180001 83.8 84.2 84 . 6 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 160001 85.3 85.6 85.3 GE 83.8 84.0 84.2 85.3 85.3 85.3 140001 85.6 85.6 6E 12000| 86.7 87.1 87.4 88.2 88.2 88 - 2 88.2 88.2 88.2 88.2 88.2 88,2 89.9 90.2 92.4 GF 100001 88.3 88.8 89.1 89.6 89.9 89.9 90.2 89.9 90.2 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.4 90001 89.1 90. Z 90.2 90.2 90.2 90.2 92.4 90.2 90 • 2 92 • 4 88-7 GE GE 91.3 91.7 80001 90.9 92.4 92.4 92.4 92.4 92.4 92.4 70001 91.4 92.7 93.D 93.1 93.0 93.1 93.0 93.0 93.0 93.0 93.0 93.0 93.1 93.0 93.0 93.1 93.0 94.1 94.2 95.4 GE 50001 92.4 92.9 93.8 93.2 94.1 94.1 94.1 94.1 94.1 94.1 94.2 95.4 95.7 93.9 95.1 95.3 94.2 95.4 95.7 94.2 95.4 95.7 94.2 94.2 92.6 93.7 93.0 93.3 94.6 94 • 2 95 • 4 94.2 94.2 94.2 94 · 2 95 · 4 GE 45001 GE 40001 GE GE 35001 93.9 95 • 7 96 • 6 30001 95.2 96.6 94.7 96.6 96.6 96.6 95.3 95.3 95.3 95.8 95.8 95.8 96.7 96.7 96.7 GE 25001 94.8 94.8 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.3 96.7 96.7 96.7 96.7 96.7 97.6 2000 96.3 96.3 97.2 96.7 96.7 96.7 96.7 97.6 GE GE 94.8 96.7 97.6 96 • 7 97 • 6 96.7 96.7 96.7 97.6 18001 96.7 96.7 96.7 95.4 96.6 97.6 97.6 97.6 97.6 97.6

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TOTAL NUMBER OF OBSERVATIONS: 900

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM | | | | | | | PERIOD OF RECORD: 78-87 Month: Apr Hours(LST): 06 ₀₀₋₀ 800 | | | | | | | | | | | |
|--|--------|-----------|---------------|-------|--------|-----------|--|---------------|-------|-------|--------|-----------|---------------|---------------|-------------|---------------|-------|---|
| CEILING VISIBILITY IN STATUTE MILFS | | | | | | | | | | | | | | | •••••• | • | | |
| | IN I | GΕ | 6E | 38 | GE | 6 E | GΕ | QE A 7 2 1 | GE | GE E | BE HIL | .E3 GE | GE | GE | -5 | ~= | 6E | |
| | EET ! | 10 | 6 | 5 | 92 | 3 | | | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | GE 5/16- | GE 1/4 | 95 | |
| | | | | | | | 2 17 2 | | 1 1/2 | 1 1/4 | | 3/4 | 3/6 | 1/2 | 2/19. | 174 | | |
| ••• | | • • • • • | • • • • • • • | ••••• | ••••• | • • • • • | •••• | • • • • • • • | | •••• | ••••• | | • • • • • • • | • • • • • • • | | • • • • • • • | | • |
| NO | CEIL 1 | | 75.6 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76 •1 | 76 • 1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | |
| GE | 200001 | | 83.3 | 83.7 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | |
| GE | 180001 | | 83.4 | 83.8 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 64.4 | 84.4 | 84.4 | |
| GE | 160001 | | 83.4 | 83.8 | 84 . 2 | 84.4 | 84.4 | 84.4 | 84.4 | 84 .4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84 4 | 84.4 | |
| GE | 140001 | | 84.0 | 84.3 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | |
| 6E | 12000[| | 86.8 | 87.1 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87-8 | 87.8 | 87.8 | 87.8 | |
| GΕ | 100001 | | 88.D | 88.3 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | |
| GE | 90001 | | 88.0 | 88.3 | 88 . 8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.p | 89.0 | |
| 6E | 80001 | | 90.2 | 90.7 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | |
| GE | 70001 | | 90.8 | 91.2 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | |
| 6 E | 60001 | | 91.2 | 91.7 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92 • 3 | 92.3 | 92.3 | 92.3 | |
| GE | 50001 | | 92.3 | 92.8 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | |
| GE | 45001 | | 92.4 | 92.9 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | |
| 6€ | 40001 | | 93.2 | 93.7 | 94 - 1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| GE | 35001 | | 93.9 | 94.3 | 94.8 | 95.0 | 95.B | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | |
| GE | 30001 | | 95-1 | 95.7 | 96 • 1 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96•7 | 96.7 | 96.7 | |
| GE | 25001 | | 95.4 | 96.0 | 96.4 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | |
| GE | 20001 | | 95.8 | 96.3 | 96.8 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| GE | 1800 | | 95.8 | 96.3 | 96.8 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| GE | 1500 | | 96.7 | 97.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98 • 2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | |
| GE | 12001 | | 97.0 | 97.9 | 98.3 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | |
| GE | 10001 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 9001 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 8001 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 700' | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 6001 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 5001 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 6E | 4001 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| ĞĒ | 300 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | • |
| 6E | 2001 | | 97.3 | 98.2 | 98.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | ; |
| GE | 1001 | | 97.3 | 98.2 | 98.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GΕ | 01 | | 97.3 | 98.2 | 98.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1 |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: APR HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CE ILING GE 5 GE GE GE 2 1 1/2 1 1/4 GE GE GE GF 6E GE GE GE GE 6 E FEET 1 10 è 3 2 1/2 6 1 3/4 1/4 5 /8 1/2 5/16 NO CEIL 1 74.4 74.9 75.2 75.2 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 GE 200001 82.1 82.6 83.1 83.1 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 82.7 82.9 83.8 83.6 83.8 84.7 83.6 83.8 84.7 83.6 83.8 84.7 83.6 83.8 84.7 180001 83.2 83.2 83.6 83.8 83.6 83.6 83.6 83.8 83.6 83.8 82.2 83.6 83.8 B3.6 GE 160001 82.4 83.4 83.8 84.7 14000 84.3 84.7 84.7 84.7 84.7 84.7 84.7 SE 120001 85.6 86.0 86.6 86.6 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 89.3 GE 100001 88.0 88.4 89.0 89.0 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 90001 88.0 89.3 88.4 89.3 90.7 89.3 89.3 GE 89.0 89.0 8 9. 3 89.3 89.3 89.3 89.3 89.3 89.3 80001 90.3 90.3 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 GF 70001 90.7 91.1 91.7 92.0 92.0 92.0 92.0 92.3 92.0 92.0 92.0 92.0 92.0 92.0 92.0 91.0 92.0 92.0 92.3 92.3 92.3 92.3 02.3 92.3 92.3 92.3 92.3 6E 92.7 93.0 93.0 Spool 92.1 92.7 93.0 93.0 93.0 93.0 93.0 93.0 91.6 93.0 93.0 93.0 92.2 GE 45001 91.7 92.8 93.8 92.8 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 94.2 95.2 GE 400nl 92.7 94.2 95.2 94 · 2 95 · 2 94 .2 94.2 94.7 94.2 94.2 94.2 94.2 94.2 35001 95.2 95.2 94.8 94.8 95.2 95.2 95.2 95.2 95.2 3000 GΕ 25001 94.6 95.4 96 • D 96.0 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 94.9 94.9 95.8 96.3 96.3 96.3 96.3 96.8 96.8 97.6 96 • 8 96 • 8 96.8 96.8 96.8 96.8 97.6 98.4 96.8 96.8 97.6 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 6E 20001 18001 95.8 68 96.6 97.1 97.6 GE 1500 95.7 97.1 97.1 97.6 97.6 12001 96.0 98.3 98.4 98.4 98.4 GE 10001 96.3 97.6 98.2 98•8 98•8 99•2 99.0 99.0 99.0 99.1 99.1 99.1 99.1 99.1 98.3 99.0 99.1 96.3 97.6 99.0 99.0 99.1 99.6 99.7 98.3 98.8 99.0 99.0 99.1 99.7 9001 99.1 99.1 GE 98.6 99.6 99.7 99.7 99.7 99.6 99.8 700 97.9 98.7 98.9 99.6 99.6 99.6 99.8 96.7 99.3 99.8 99.8 GE 6001 98.0 99.7 98 - 8 99.7 99.7 99.7 GE 5001 96.8 98.0 98.8 99.0 99.4 99.7 99.7 99.7 99.8 99.8 99.9 99.9 99.9 99.9 98.9 98.0 98.8 98.8 99.0 99.4 99.7 99.7 99.7 99.7 99.9 99.9 99.9 100.0 GE GE 4001 96.8 100.0 100.0 100-0 300 96.8 100.0 100.0 00.0 GE 2001 96.8 98.0 99.0 99.4 99.7 99.7 99.7 99.7 99.9 99.9 100.0 100.0 100.0 100.0 GE 1001 99.7 99.9 99.9 96.8 98.8 99.0 99.4 99.7 99.7 100.0 100.0 100.0 100.0 01 ßF 96.8 98.0 98 - 8 99.7 99.7 100.0 100.0 99.0 99.4 99.7 90.7 90.9 99.9 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: APR HOURS (LST): 1200-1400 VISIBILITY IN STATUTE MILES CE IL ING IN | GE FEET | 10 GE GE GE 6 5 GΕ GE 5/8 1/2 5/16 1/4 0 NO CEIL I 74.0 73.7 GE 20000! 82.7 82.9 B3.4 83.8 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 GE 180001 GE 160001 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 83.6 83.8 84.3 84.7 8 5 • D 85.0 85.0 85.0 85.0 85.0 85.0 85.0 83.6 84.3 84.7 85.D 85.0 85.0 85.0 85.0 83.8 85.0 140001 85.8 88.2 85.8 85.8 85.8 87.0 GE 1200 al 86.7 88.2 88.2 88.2 GE 100001 88.6 88.9 89.4 89.8 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90001 89.6 91.7 92.8 90.2 90.2 88.7 89.0 91.1 89.9 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 92.3 90.2 92.3 93.4 93.7 GΕ 80001 90.8 92.0 93.1 92.3 93.4 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 91.9 GE 70001 93.4 93.7 93.4 93.7 93.4 93.7 93.4 93.7 93.4 93.4 93.4 93.4 93.4 93.0 GE 60001 92.1 93.7 93.7 GE 94.1 94.4 94.4 94.4 94.4 50001 GE 45001 92.9 94.1 93.2 93.8 95.0 94 • 1 95 • 3 94.4 95.7 94.4 94.4 94.4 94.4 95.7 94.4 95.7 94.4 94.4 95.7 94.4 95.7 94.4 95.7 94.4 GE 40001 95.7 35001 94.8 95.2 95.8 96.1 96.4 96.4 96.4 96.4 96.4 30001 95.8 96.2 96.8 97.4 97.4 97.4 GE 25001 95.8 96.2 97.1 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 96 . R 97.1 97.2 97.4 97.6 98.8 96.8 97.4 97.4 97.4 97.4 97.4 97.6 GE 20001 95.8 96.2 97.4 97.4 97.4 97.4 97.4 GE GE 95.9 97.1 97.6 98.8 97.6 98.8 97.6 98.8 97.6 18001 96.3 96.9 97.6 97.6 97.6 97.6 15001 98.8 98.8 98.8 98.8 GE 98.7 99.0 99.3 99.3 99.3 99.0 GE 10001 97.4 97.9 98.7 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 GE GE 9001 97.4 97.9 98.7 99.0 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.4 99.3 99.3 9.3 99.3 99.3 99.3 8001 97.4 97.9 98.7 99.0 99.4 99.4 99.4 99.6 GE 7001 97.4 97.9 98.7 99.0 99.4 99.4 99.4 99.4 99.6 99.6 69.6 99.6 99.6 GE 59.8 99.8 99.8 99.8 6001 97.4 97.9 99.4 99.8 98 . 7 99.0 GE 5nn! 97.4 97.9 99.0 99.8 99.8 99.8 100.0 100.0 100.0 98.7 99.4 99.4 99.8 99.9 100.0 100.0 100.0 99.0 4001 97.4 98.7 99.9 100.0 100.0 100.0 100.0 GE GE 97.9 99.4 99.4 99.8 99.9 100.0 3001 97.4 98.7 99.0 100.0 100.0 100.0 100.0 2601 100.0 98.7 99.4 100.0 100.0 100.0 GЕ 1001 97.4 98.7 99.0 99.4 99.4 99.8 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 **a !** 99.8 GE 97.4 97.9 98.7 99.0 99.4 99.4 99.8 99.9 100.0 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 VISIBILITY IN STATUTE MILES MONTH: APR HOURS(LST): 1500-1700 CEILING VISIBILITY IN STATUTE MILES

GE GE GE GE GE

3 2 1/2 2 1 1/2 1 1/4 1 3/4 IN I GE FEET | 10 GE 6E 5 GF Gξ FEET 1 10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 ۵ 74.8 GE 200001 85.2 85.2 85.4 86.2 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 GE 180001 85.4 85.7 86.4 86.B 86.8 86.8 86.8 86.8 86.8 86.8 85.4 85.4 85.7 87.0 86.4 86.8 86.8 86.8 86.8 86 . 8 86.8 86.8 86.8 86.8 86.8 14000 88.1 88.1 88 - 1 88-1 89.8 GE 120001 88.4 88.4 88.7 89.4 89.8 89.8 GE 100001 89.4 89.4 89.7 90.4 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90 • B 90.8 90.8 90.8 90001 89.4 90.8 89.4 90.8 90.B 90.8 92.1 90.8 90.8 92.1 90.8 92.1 90.8 90.8 92.1 90.8 90.8 92.1 90.8 GE 89.7 90.4 90.8 91.0 91.8 92.1 92.1 92.0 92.0 93.3 93.7 GE Zonol 93.3 93.3 93.3 93.3 01.3 60001 93.7 GF 93.7 91.7 GΕ 50001 93.0 93.0 93.2 94.0 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94 · 0 95 · 4 96 · 2 93.0 93.0 93.2 94.3 95.8 94.3 95.8 4500 94.3 94.3 95.8 95.8 95.8 95.8 GΕ 40001 95.8 95.8 95.8 95.8 95.8 96.6 96 · 6 97 · 0 35001 96.6 96.6 96.6 96.6 96.6 96.6 GE GE 96.6 96.6 95.7 30001 95.7 95.9 97.0 97.0 97.0 97.0 GE 25001 95.7 95.7 95.9 96.7 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.1 97.1 97.9 97.1 97.1 95.8 95.8 95.8 96.0 96.0 96.8 96.8 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 GF 20001 97.1 97.1 97.1 95.8 97.1 97.1 97.1 97.1 18001 97.1 97.1 97.9 15001 96.3 96.3 96.7 97.6 97.9 97.9 97.9 97.9 97.9 97.9 97.9 99.0 99.0 97.3 99.0 99.0 99.0 99.0 99.0 99.0 99.0 GE 12001 97.2 99.n 90.0 97.8 GE 10001 97.3 97.4 98.8 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 97.4 99.2 99.3 99.3 97.3 97.8 99.2 99.2 99.2 99.2 99.2 99.2 99.2 98.8 99.2 99.2 GE GE 9001 ANNI 98.8 99.3 99.3 99.3 99.3 99.3 99.3 7001 97.4 97.8 98.8 99.2 99.2 99.3 99.3 99.3 99.3 99.3 99.3 GE 97.3 99.3 99.3 97.6 5001 97.4 99.0 99.6 99.8 99.8 99.8 99.8 99.6 99.8 GΕ 97.7 98.0 99.6 99.8 99.8 99.8 GE GE 4001 3001 97.4 97.7 98.0 98.0 99.0 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 99.9 99.9 100.0 100.0 100.0 200 97.7 99.6 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE 1001 98.0 99.0 99.6 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

97.4

97.7

98.0

900

99.0

99.6

99.7

99.9

99.9

99.9 100.0 100.0 100.0 100.0 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | | | | ON NAME: | | | | | | | HONTH | OF REC | HOURS | -87 (LST); | 1809-20 | 100 |
|-----|--------|-----------|---------------|---------------|----------|-----------|---------------|-------------|-------|---------|-------|-------|--------|-------|---------------|---------------|--------|
| | LLING | ••••• | • • • • • • • | • • • • • • • | •••••• | • • • • • | • • • • • • • | | | IN STAT | | | | | ••••• | • • • • • • • | |
| | IN I | GE | GE | 6E | GΕ | GE | GE. | GE | 6E | GE | GE | GE | GE | GE | GΕ | GE | GE |
| FE | ET Í | | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| ••• | | • • • • • | | | | | | • • • • • • | | | | | | | • • • • • • | • • • • • • | |
| NO | CETL | | 76.8 | 76.8 | 76.9 | 77.6 | 77.8 | 77-8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE | 200001 | | 86.1 | 86.1 | 86.2 | 86.9 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE | 180001 | | 86.6 | 86.6 | 86.7 | 87.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE | 160001 | | 86.7 | 86.7 | 86 - 8 | 87.4 | 88.D | 88.0 | 88.0 | 88.0 | 88.D | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE | 140001 | | 87.9 | 87.9 | 88.0 | 88.7 | 89-2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE | 120001 | | 89.4 | 89.4 | 89.6 | 90.2 | 90.8 | 90.8 | 90.8 | 90 • 8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE | 100001 | | 90.7 | 90.7 | 90.8 | 91.4 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE | 90001 | | 90.7 | 90.7 | 90.8 | 91.4 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE | 80001 | | 91.9 | 91.9 | 92.0 | 92.7 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE | 70001 | | 92.7 | 92.7 | 92.8 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ĢΕ | 60001 | | 93.0 | 93.0 | 93.1 | 93.8 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE | 50001 | | 93.9 | 93.9 | 94 . 0 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE | 45001 | | 94.2 | 94.2 | 94.3 | 95.0 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE | 40001 | | 94.9 | 94.9 | 95.0 | 95.7 | 96.Z | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE | 35001 | | 95.6 | 95.6 | 95.7 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE | 30001 | | 95.8 | 95.9 | 96.0 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GΕ | 250g! | | 95.8 | 95.9 | 96 . D | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE | 20001 | | 95.8 | 95.9 | 96.D | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE | 18001 | | 95.8 | 95.9 | 96.0 | 96.7 | 97,2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| €E | 15001 | | 96.1 | 96.4 | 96.6 | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE | 15001 | | 96.7 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98 • 4 |
| GE | 10001 | | 97.1 | 97.6 | 97.7 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE | 9001 | | 97.1 | 97.6 | 97.7 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE | 8001 | | 97.1 | 97.6 | 97.7 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99 ∙ □ |
| G€ | 700 | | 97.1 | 97.6 | 97.7 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE | 6001 | | 97.4 | 98.0 | 98 - 1 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 6E | 5001 | | 97.6 | 98.1 | 98.3 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 |
| БE | 4001 | | 97.6 | 98.1 | 98.3 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6E | 3001 | | 97.6 | 98.1 | 98.3 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GΕ | 2001 | | 97.6 | 98.1 | 98.3 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1001 | | 97.6 | 98.1 | 98.3 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | oi | | 97.6 | 98.1 | 98.3 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 |
| | | | | | | • • • • • | | | | | | | | | | | |
| | | | | | | | | | | - | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| S | T A T 1 | ON | NUMBER | 912180 | STATI | ON NAME: | ANDE | ERSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | -87 | | |
|-----|-----------|------------|-------------|------------------|--------------|-----------------|--------------|-------------------|--------------|--------------|-----------------|---------------|---------------|--------------|---------------|---------------|--------------|-----------------|
| | | | | | | | | | | | | | MONTH | : APR | HOURS | (LST): | 2100-23 | DD |
| • | | | • • • • • | | | | | | | | | | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • • |
| CI | EILI | NG | | | | | | | | | IN STATE | | | | | | | |
| | IN | |) GE | GE | GE | GE | GΕ | GE | G€ | GE | 6 E | 6E | GE | GE | GE | GE | GE | GE |
| | FEET | | 10 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | G |
| • | • • • • | • • • | • • • • • • | | • • • • • • | • • • • • • • • | • • • • • | • • • • • • • • • | • • • • • • | • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | |
| | | | | | | | | | | | | | | | | | | |
| N |) CE | IL | 1 | 75.3 | 75.3 | 75 . 3 | 76.0 | 76.2 | 76.2 | 76.2 | 76 •2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ٠. | | | | 0.0. 7 | | | | | | | | 0- 0 | | | 05.0 | 85.9 | 85.9 | 85.9 |
| | 20 1 s | | | 84.7 85.3 | 84.7 85.3 | 84.7 85.3 | 85.4 | 85.9 86.6 | 85.9 86.6 | 85.9 86.6 | 85.9 86.6 | 85.9 86.6 | 85.9 86.6 | 85.9 86.6 | 85.9 | | 86.6 | 86.6 |
| | 16 | | | 85.6 | 85.6 | 85 • 6 | 86.3 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86•6 86•8 | 86.8 | 86.8 |
| | 14 | | | 86.7 | 86.7 | 86.7 | 87.4 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| | 12 | | : | 89.6 | 89.6 | 89.6 | 90.3 | 90.8 | 90.8 | 90.8 | 9C • B | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 98.6 | 90.8 |
| ٠. | • •• | 300 | • | | 0,.0 | 0,10 | ,,,, | , , , , | ,,,, | ,0.8 | 40.00 | ,0.0 | ,,,, | ,,,, | , | | ,,,,, | |
| 68 | E 10 | ەمە | 1 | 90.6 | 90.6 | 90.6 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91 · g | 91.8 | 91.8 | 91.8 | 91.8 |
| 61 | | 800 | • | 90.9 | 90.9 | 90.9 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 61 | | 000 | | 91.9 | 91.9 | 91.9 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| Gŧ | . 7 | 000 | ĺ | 92.7 | 92.7 | 92.7 | 93.4 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE | . 6 | 000 | 1 | 92.8 | 92.8 | 92.8 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94 . 0 |
| | | | | | | | | | | | | | | | | | _ | |
| 68 | 5 | 000 | i | 94.6 | 94.6 | 94.6 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| G | | 500 | | 94.8 | 94.8 | 94 - 8 | 95.6 | 96. D | 96.0 | 96.0 | 96 • D | 96.D | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE | - | 000 | | 95.3 | 95.3 | 95.3 | 96.1 | 96.6 | 96 • 6 | 96.6 | 96 •6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 66 | | 500 | | 95.9 | 95.9 | 95.9 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| G | 3 | 000 | l | 96.4 | 96.4 | 96.4 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| | | _ | | _ | | | - | | | | | | | | | | | |
| 61 | | 500 | | 96.6 | 96.6 | 96.6 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| G | | 000 | • | 96.6 | 96.6 | 96.6 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 61 | | 800 500 | | 96.7 | 96.7 | 96.7 | 97.4 | 97.9 | 97.9 98.7 | 97.9 98.7 | 97 •9 98 •7 | 97.9 98.7 | 97.9 | 97.9 | 97.9 98.7 | 97.9 | 97.9 98.7 | 97.9 98.7 |
| G (| | 200 | | 97. ₀ | 97.2 97.8 | 97.3 97.9 | 98.2 98.8 | 98.7 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 98.7 99.3 | 98.7 99.3 | 99.3 | 98.7 99.3 | 99.3 | 99.3 |
| | . 1 | 240 | • | 71.7 | 71.60 | 71.07 | 70.0 | 77.3 | ,,,, | ,,,, | 77.3 | ,,,, | 77.3 | 77,3 | 7743 | 7903 | 77.3 | 77.3 |
| GI | - 1 | 000 | ı | 97.7 | 98.1 | 98.2 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| G | | 900 | - | 97.7 | 98.1 | 98.2 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| G | | 800 | 7 | 97.7 | 98.1 | 98.2 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| G | - | 700 | • | 97.7 | 98.1 | 98.2 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| G | | 600 | | 97.9 | 98.3 | 98.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | , | | | | | | | | | | | | • | |
| GI | Ē | 500 | ı | 97.9 | 98.3 | 98.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GI | | 400 | 1 | 97.9 | 98.3 | 98.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| G | Ε | 300 | l | 97.9 | 98.3 | 98.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GI | | 200 | | 97.9 | 98.3 | 98.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100-0 | 100.0 | 100.0 |
| Ģí | Ε | 100 | ı | 97.9 | 98.3 | 98.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| | _ | | | | | | | | | | | | | | | | | |
| GI | Ε | 0 | ı | 97.9 | 98.3 | 98.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100-0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: APR HOURS (LST): CEILING VISIBILITY IN STATUTE MILES GE GE GE IN I 2 1 1/2 1 1/4 5/8 10 5 3 2 1/2 1 3/4 1/2 5/16 1/4 Ω NO CEIL I 74.1 74.8 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 6E 200001 85.0 85.4 85.4 83.7 83.9 84 . 3 84.7 85.0 85. n 85.n 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.4 85.4 86.3 84.3 84.6 84.7 85.0 85.4 85.4 85.4 85.4 85.4 85.4 85.4 86.3 85.4 180001 84.0 85.4 85.4 85.4 85.4 GE 140001 84.1 84.3 85.1 85.4 85.4 85,4 85.4 85.4 85.4 86.3 84.9 85.1 85.5 87.9 85.9 88.4 86.3 86.3 86.3 86.3 86.3 86.3 GE 120001 87.3 88 • 7 88.7 90 · 3 90 · 4 92 · 1 GE 100001 88.8 89.1 89.5 89.9 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90001 80001 89.0 89.3 91.0 89.6 91.3 92.3 90.0 91.8 92.7 93.0 90.4 92.1 90.4 92.1 90.4 90.4 92.1 90.4 92.1 90.4 90.4 92.1 90.4 92.1 90.4 GE 90.4 92.1 93.0 93.0 93.3 GE 70001 91.9 93.0 93.0 93.0 93.0 93.0 93.0 93.3 93.3 91.9 93.3 GE 60001 92.2 92.5 93.3 93.3 93.3 93.3 93.3 GE 50001 92.8 93.1 93.5 93.9 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.4 95.4 94.3 94.3 94.3 94.3 94.4 94.4 94.4 94.4 94.4 94.4 95.4 GE GE 45001 40001 93.0 93.9 93.3 93.6 94 -1 94.4 94.4 94.4 94.6 95 • 1 95 • 8 95.4 94.6 96.1 35001 95.0 96.1 96.1 96.1 97.0 96.1 97.0 97.0 30001 95.3 95.8 96.1 96.6 96.9 96.9 97.0 97.0 97.0 97.0 97.0 GE 25001 95.4 95.8 96.2 96.7 97.0 97.0 97.0 97.0 97 . D 97.0 97.0 97.0 97.0 97.0 GE GE 20001 95.5 95.5 95.9 96.0 96.3 96.3 96.8 96.8 97.1 97.2 97.1 97.1 97.1 97.1 97.2 97.1 97.1 97.2 97.1 97.2 97.1 97.2 97.1 97.1 97.2 97.2 1800 97.2 97.7 98.0 98.9 15001 96.2 96.7 97.1 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 97.9 98.5 98.9 98.9 98.9 98.9 98.9 98.9 12001 96.8 98.9 98.9 98.9 98.9 GE 10001 97.0 97.8 98.2 98.9 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.5 99.6 99.4 99.5 99.6 97.0 97.8 98.2 98.3 99.0 99.4 99.4 99.4 99.4 99.4 9001 99.4 99.4 99.4 99.4 GE GE 99.5 99.6 99.5 8001 99.6 7001 97.1 99.8 GE 6001 97.9 98.4 99.2 99.6 99.7 99.7 99.8 99.8 99.8 G€ 5001 97.3 98.0 98.5 99.3 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9

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100.0

100.0

100.0

99.8

99.8

99.8

99.3 99.3

99.3

99.3

99.8

99.8

99.8

TOTAL NUMBER OF OBSERVATIONS:

97.3

97.3

97.3

97.3

98.0

98.0

98.0

98.0

98.5

98.5

98.5

98.5

98.5

GE

GE GE

4001

3001

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICE/HAC PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: MAY HOURS(LST): 0300-0500 CEILING VISIBILITY IN STATUTE MILES GE GE Œ GE GE GE 2 1 1/2 1 1/4 GE GF GF GF GF GE FEET ັ5 3 2 1/2 1 3/4 ٠ 10 5/8 1/4 6 1/2 5/16 NO CEIL ! 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 6E 200001 78.1 78.2 78.3 78.7 GE 18000 78.2 78.3 78.2 78.2 78 . Z 78 . 3 78.2 78.3 78.2 78.3 78.2 78.3 78.2 78.3 78.2 78.3 78.2 78.2 78.2 78.3 78.2 78.3 78.2 78.3 GE 160001 78.3 78.3 78.3 140001 78.7 78.7 GE 120001 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 GE 100001 85.1 85.1 85.1 85.1 85.1 85.1 85.1 A5.1 R5 -1 85.1 85.1 85.1 85.1 85.1 85.1 GE 85.4 87.7 85.4 85.4 85.4 85.4 85.4 85.4 85.4 88.0 85.4 88.0 9000 85.4 85.4 85.4 85.4 85.4 85.4 80001 87.8 87.8 87.8 88.0 88.0 88.0 88.0 88.0 88.0 88.0 GE 70001 88.7 88.8 88.8 88.8 88.8 88.8 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 **6**E GE 50001 90.1 90.3 90.3 90.3 90.3 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.3 90.6 91.9 92.8 90.6 91.9 92.8 90.8 90.8 90.8 92.0 90.8 92.0 90.8 90.8 45001 90.3 90.6 90 · 6 90.6 90.8 90.8 90.8 40001 91.9 92.8 92.0 92.0 GE 92.9 92.9 94.0 30001 93.0 93.7 94.0 94.0 GF 25001 93.0 93.7 93.8 93.9 93.9 93.9 94 .0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.2 95.5 94.2 94.2 94.2 94.1 94.3 94.1 94.3 94.1 94.3 94.2 94 .2 94.2 94.2 94.2 94.4 GE 20001 93.2 93.9 94.2 94.4 94 .4 94.4 GE 18001 94-1 94.4 94.4 94,4 95.4 95.6 95.6 95.7 97.1 95.7 97.1 95.7 15001 94.3 95-6 95.7 95.7 96.7 97.1 12001 95.4 97.1 10001 96.2 97.8 98.1 98.4 98.5 98 .5 98.5 98.5 98.5 98.5 98.5 98.4 98.5 98.7 98.5 98.5 98.7 9001 96.2 97.8 98.1 98.4 98.4 98.5 98.5 98.5 98.5 98.5 98.7 98.8 8001 96.2 98.1 98.3 98.6 98.7 98.6 98.7 98.6 98.7 98.7 98.8 98.7 98.7 98.7 98.7 700 96.3 98.8 GE 6001 96.7 98.5 98.7 99.0 99.0 99.0 99.1 99.1 99.1 99.1 5001 97.2 99.0 99.2 99.7 99.7 99.8 99.8 99.8 99.A 99.8 99.8 99.8 99.8 99.8 99.8 4001 97.2 99.0 99.2 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 3001 97.2 99.0 99.2 99.7 99.7 99.8 99.8 99.8 99.8 2001 99.2 99.5 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 1001 97.4 100.0 100.0 100.0 100.0 99.9 99.9 100.0 100.0 GE n t 97.4 99.2 99.5 99.9 99.9 99.9 200.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | | | | | | | RSEN AFB | _ | | | | MONTH | | HOURS | -87 (LST): | 0600-08 | 00 |
|----------|------------|------------|-------------|----------------------|----------------------|----------------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | ILIN | | • • • • • • | • • • • • • • | ••••• | • • • • • • • | | ••••• | | | IN STATE | | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | •••••• |
| | IN | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 6E 2 1/2 | GE 2 | GE | GE 1 1/4 | GE 1 | 6E 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE D |
| | CEI | | • • • • • • | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72 •8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| 61 | 200 180 | 100 | | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 | 80.0 80.0 80.1 |
| 61 | 143 | ōōI | | 81.1 | 84.1 | 81 - 1 84 - 1 | 81.1 | 81.1 | 81.1 | 81.1 | 81 ·1 84 ·1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81-1 | 81.1 |
| 61 61 | | 100 | | 86.0 86.2 88.8 | 86.1 86.3 88.9 | 86 • 1 86 • 3 | 86 - 1 | 66.1 86.3 88.9 | 86.1 86.3 88.9 | 86.3 | 86.1 86.3 88.9 | 86.1 86.3 88.9 | 86.1 86.3 88.9 | 86.1 86.3 88.9 | 86.1 86.3 88.9 | 86.1 86.3 88.9 | 86.1 86.3 88.9 | 86.1 86.3 88.9 |
| G | 70 | 001 | | 89.5 90.0 | 89.6 90.2 | 88 • 9 89 • 6 90 • 2 | 88.9 89.6 90.2 | 89.6 90.2 | 89.6 | 88.9 89.6 90.2 | 89.6 90.2 | 89 • 6 90 • 2 | 89.6 90.2 | 89.6 | 89.6 | 89.6 90.2 | 89.6 90.2 | 89.6 |
| G(| 45 | 001 | | 90.3 90.4 91.7 | 90.5 90.6 92.0 | 90.5 90.6 | 90.5 90.6 | 90.5 90.6 | 90.5 | 90.5 90.6 | 90.5 90.6 | 90.5 | 90.5 90.6 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 90.6 |
| GI GI | 35 | 001 | | 92.3 93.2 | 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 | 92.0 92.7 93.8 |
| GI | 20 | 001 | | 93.3 93.7 | 93.9 | 93.9 94.3 | 93.9 | 93.9 94.3 | 93.9 94.3 | 93.9 | 93.9 94.3 | 93.9 | 93.9 94.3 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 94.3 |
| 61 61 | 15 | 001 100 | | 93.7 94.4 95.5 | 94.2 94.9 96.2 | 94.3 95.1 96.3 | 94.3 95.3 96.9 | 94.3 95.3 96.9 | 94.3 95.3 96.9 | 94.3 -95.4 97.0 | 94.3 95.4 97.0 | 94.3 95.4 97.0 | 94.3 95.4 97.0 | 94.3 95.4 97.0 | 94.3 95.4 97.0 | 94.3 95.4 97.0 | 94.3 95.4 97.0 | 94.3 95.4 97.0 |
| 61 61 | 9 | 001 | | 96.5 96.5 | 97.4 97.4 | 97.6 97.6 | 98.3 98.3 | 98.3 98.3 | 98 • 3 98 • 3 | 98.4 98.4 | 98.5 98.5 | 98.5 98.5 | 98.5 98.5 | 98.5 98.5 | 98.5 98.5 | 98.5 98.5 | 98.5 98.5 | 98.5 98.5 |
| GI GI | 7 | 001 | | 96.5 96.7 97.0 | 97.4 97.6 98.0 | 97.6 97.8 98.2 | 98.3 98.5 98.8 | 96.3 98.5 98.8 | 98.3 98.5 98.8 | 98.5 98.7 99.0 | 98.6 98.8 99.1 | 98.6 98.8 99.1 | 98.6 98.8 99.1 | 98.6 98.8 99.1 | 98.6 98.8 99.1 | 98.6 98.8 99.1 | 98.6 98.8 99.1 | 98.6 98.8 99.1 |
| GI | 4 | 100 | | 97.3 97.3 | 98.4 98.4 | 98.6 98.6 | 99.2 | 99.2 99.2 | 99.2 99.2 | 99.6 | 99 • 7 99 • 7 | 99.8 99.8 | 99.9 99.9 | 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 | 99.9 |
| 61 61 | 2 | 100 | | 97.3 97.3 97.3 | 98.5 98.5 98.5 | 98•7 98•7 98•7 | 99.4 99.4 99.4 | 99.4 99.4 99.4 | 99.4 99.4 99.4 | 99.7 99.7 99.7 | 99.8 99.8 99.8 | 99.9 99.9 99.9 | 100.0 100.0 100.0 | 100.0 100.0 100.0 | 100.0 100.0 100.0 | 100.0 100.0 100.0 | 100.0 100.0 100.0 | 100.0 100.0 100.0 |
| 61 | : | 10 | | 97.3 | 98.5 | 98.7 . | 99.4 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: HAY HOURS(LST): 0900-1100 VISIBILITY IN STATUTE HILES CE IL ING GE GE 2 GE GE 1 1/2 1 1/4 GΕ GF G.F 6.F GF GΕ FEET ! 3 2 1/2 3/4 1/4 ō 5 1 5/8 5/16 1/2 NO CEIL I 69.1 69.1 69.1 GE 200001 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78 .8 78.8 GE 16000 78.9 79.8 78.9 78.9 140001 79.8 GE 120001 82.5 82.5 82.5 82.5 82.5 82.5 82.5 GE 100001 84.7 84.7 84.7 84 .7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 85 • 1 88 • 7 89 • 4 85.1 88.7 85.1 90001 80001 85·1 88·6 85.1 88.7 85 • 1 88 • 7 85.1 88.7 85.1 88.7 85.1 88.7 85.1 88.7 85.1 88.7 85.1 88.7 85.1 88.7 85.1 88.7 85 - 1 88 . 7 6E GE 88.7 GF 70001 89.2 89.4 89.4 89.4 89.4 89.4 80.4 89.4 89.4 89.4 89.4 89.4 89.4 60001 90.3 90.4 90.4 90.4 90.4 GΕ GE 50001 91.2 91.6 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 GE GE 45001 92.4 93.2 94.0 92.4 93.2 94.0 92.4 93.2 94.0 92.4 93.2 92.4 92.4 92.4 92.4 91.8 92.3 93.1 92.4 92.4 92.4 93.2 92.4 92.4 93.2 94.0 94.0 94.0 35001 94.0 94.0 GE 30001 93.9 94.4 94.5 94.5 94.5 94.5 94.6 94 . 6 GE 25001 94.0 94.5 94 - 6 94.6 94.6 94.6 94 .6 94.6 94.6 94.6 94.6 94.6 94.6 94.5 94.7 94.6 95.1 96.5 94.0 94.2 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 94.6 95.1 6F 20001 1800 96.5 1500 95.4 95.9 96.2 96.5 96.5 96.5 96.5 96.5 97.8 96.5 96.5 96.5 96.5 1200 96.5 97.8 10001 97.6 98.3 99.4 99.5 99.5 99.5 99.5 99.5 99.5 99.5 6E 99.2 99.4 99.5 98 . B 99.2 99.2 99.5 99.5 99.5 99.7 9001 97.6 98.3 99.2 99.2 99.5 99.4 99.4 99.6 99.4 99.4 99.6 99.5 99.5 99.7 99.5 99.5 99.5 99.5 99.5 99.5 99.7 99.5 99.7 99.5 99.7 GE GE 8001 97.6 98.3 98.8 99.5 99.5 98.5 7001 97.8 99.0 GE 5001 97.8 98.6 99.1 99.6 99.6 99.7 99.7 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 GE GE 4 0 0 l 300 l 98.6 98.6 99.1 99.1 99.7 99.7 99.7 99.7 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 97.8 99.6 99.6 97.8 99.6 99.6 200 l 97.8 100.0 100.0 GF 98.6 99.1 99.6 99.6 99.7 99.7 99.8 99.9 99.9 100.0 100.0 99.8

100.0

99.9 100.0 100.0 100.0 100.0

99.9

100.0

100.0

100.0

TOTAL NUMBER OF OBSERVATIONS:

97.8

98.6

99.1

99.1

930

99.6

99.6

99.6

99.7

99.7

99.8

99.9

99.9

09.7

6E

GE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| STATION NUMBER | : 912180 | STAT 1 | ON NAME: | A NO E | RSEN AFE | S GUAM | | | | PERIOD | OF REC | | -87 | 1200.14 | 20 | |
|----------------|---------------|---------------|---------------|-----------|----------|-------------|-------|----------|-------------|-------------|-------------|-------------|-------|-------------|-------|-----|
| | | | | | | | | | | | | | | | | |
| CEILING | | | •••••• | | | | | IN STATE | | ES | | | | | | |
| IN I GE | GΕ | GΕ | GΕ | 38 | GE | GE | GE | GE | GE | GE | GE | 6E | GE | GE | GE | |
| FEET 1 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | D | |
| | | | | | | | | | | | | | | • • • • • • | | |
| * | | | | | | | | | | | | | | | | |
| NO CEIL I | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | |
| 6F 200001 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | |
| GE 180001 | 78.9 | 79.0 | 79.0 | 79.0 | 79.D | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | |
| GE 16000İ | 78.9 | 79.0 | 79.0 | 79.0 | 79.D | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | |
| GE 140001 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | |
| GE 120001 | 82.6 | 82.7 | 82.7 | 62.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | |
| GE 100001 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | |
| GE 90001 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | |
| GE 80001 | 88.9 | 89.L | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | |
| GE 70001 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | |
| GE 60001 | 90.8 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | |
| 6E 50001 | 91.2 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | |
| GE 45001 | 91.3 | 91.5 | 91.7 | 91.8 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | |
| GE 40001 | 92.5 | 92.8 | 93.0 | 93.1 | 9 3 . 1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | |
| GE 35001 | 93.0 | 93.4 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | |
| GE 30001 | 94.3 | 94.8 | 95 - 1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | |
| 6E 25001 | 94.4 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| 6E 20001 | 94.5 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | |
| GE 18nn1 | 94.5 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | |
| GE 15001 | 95.8 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | |
| GE 12001 | 96.3 | 97.0 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | |
| GE 10001 | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 900) | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | • |
| GE 8001 | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 7001 | 97.5 | 98.2 | 98.7 | 99 • 0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE 6001 | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | |
| 0E 0001 | 77.5 | 98.4 | 70 1 7 | 77.0 | 77.1 | 77.1 | 77.6 | 77.62 | ,,,, | 77.5 | ,,,, | **** | ,,,, | ,,,, | ,,,, | |
| GE 5001 | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 400) | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99,9 | 99.9 | |
| GE 300 | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| 6E 500 | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE 1001 | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE OI | 97.5 | 98.2 | 98.7 | 99.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | |
| | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • | •••••• | • • • • • • | ••••• | | • • • • • • | • • • • • • | • • • • • • | • • • • • • | ••••• | • • • • • • | ••••• | • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | I TON I | AUMREN: | 912180 | STATI | ON NAME: | ANDE | RSEN AFB | GUAM | | | | | OF REC | | | | |
|-----|---------|---------|---------------------|-------|---------------|-----------|-----------------|-------------|-------|---------------|---------------|-------|---------------|---------------|---------------|-------------|-------------|
| | | | . . . | | | | | | | | | HONTH | | | | 1500-17 | 700 |
| E į | LING | | • • • • • • • • | | ••••• | • • • • • | | | | IN STAT | | | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | |
| 1 | | l 6E | 6E | e E | G€ | GE | Œ | GE | GE | GΕ | GΕ | GE | GE | GE | GΕ | GE | GE |
| FE | | | 6 | 5 | 9 | 3 | 2 1/2 | _ | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| • | | | • • • • • • • | | • • • • • • • | •••• | • • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • |
| 0 | CEIL |) | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68 • 1 |
| Ε | 20000 | t | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| | 180001 | | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| E | 16000 | ì | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78 - 9 |
| | 14000 | | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| Ε | 12000 | 1 | 83.3 | 83.3 | 83,3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| Ε | 100001 | ì | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| Ε | 9000 |) | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| Ε | 8000 | l | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ε | 70001 | ! | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| Ε | 6700 | l | 92.4 | 92.4 | 92.4 | 92.4 | 92,4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| Ė | 5000 | 1 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| Ε | 45001 | | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| Ε | 40001 | | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| E | 35001 | | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| Ε | 3000 | l | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| E | 2500 | 1 | 94.7 | 94.8 | 94 . 8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| Ε | 20001 | | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| Ε | 1800 | 1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| Ε | 1500 | ! | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96 • 7 | 96 • 7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| | 1200 | | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| : | 1000 | t | 98.3 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| Ξ | 9001 | | 98.5 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| Ξ | 8001 | | 98.5 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| E | 7001 | | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| Ε | 6001 | • | 98.6 | 99.2 | 99 • 4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| Ξ | 5001 | ı | 98 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| Ε | 4001 | l | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Ε | 3001 | | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Ε | 200 | | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Ε | 100 | l | 98•6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| E | 01 | ı | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99,9 | 99.9 | 100.0 | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| STATION NUMBER | : 912180 | STATI | ON NAME: | ANDE | RSEN AFE | GUAM | | | | | OF REC | | - | | |
|----------------|-------------------|-------|-----------------|-------------|-----------------|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|-------------|--------|
| | | | | | | | | | | MONTH | • | | | 1800-50 | |
| CE IL ING | | ••••• | • • • • • • • • | • • • • • • | | | | IN STAT | | | • • • • • • • | • • • • • • | ••••• | | ••••• |
| IN I GE | GE | GΕ | 6E | 6 E | GE | 6E | GE. | GE GE | GE | GE. | GE | GE | GE | GΕ | GΕ |
| FEET 1 10 | | 5 | V. 4 | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ۵ |
| *********** | | - | | _ | | | | | | | | | | | |
| | | | | | | | | • • • • • • • • | | | | | | | |
| NO CEIL I | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 200001 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84 .1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 64.1 | 84.1 |
| GE 180001 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84 .6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 16000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85 •2 | 85.2 | 85.2 | 85.2 | 85.Z | 85.2 | 85.2 | 85.2 |
| GE 140001 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 12C00) | 87.8 | 87.8 | 87 • 8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.B | 87.8 | 67.8 |
| GE 100001 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 9n.8 | 90.6 | 90.8 | 96.8 |
| GE 90001 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 80001 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 70001 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 60001 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94 .6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE SOOO! | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94 . 8 | 94.8 | 94.8 | 94.9 | 94.8 | 94.8 | 94.8 |
| G€ 4500 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 40001 | 95.1 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95 • 6 |
| GE 35001 | 95.1 | 95,5 | 95.6 | 95.6 | 95-4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 30001 | 95.6 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 2500) | 95.6 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 20001 | 95.8 | 96.2 | 96 . 3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96 • 3 |
| GE 18001 | 95.9 | 96.3 | 96 • 5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 15001 | 96.5 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| PE 15001 | 97.0 | 97.6 | 98.D | 98 • 2 | 98.2 | 98.2 | 98.2 | 98.2 | 98 • 2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 10001 | 97.3 | 98.1 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 9001 | 97.5 | 98.3 | 98 • 8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 47.1 | 99.1 |
| GE 8001 | 97.7 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 7001 | 97.8 | 98.6 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 6001 | 97.8 | 98.6 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 6E 500 | 98.0 | 98.7 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400[| 98.0 | 98.7 | 99.4 | 99.8 | . 9 · B | 99.9 | 99.9 | 99.9 | 100 • 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3001 | 98.0 | 98.7 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6E 2001 | 98.0 | 98.7 | 99 • 4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.D | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1001 | 98.0 | 98.7 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE OI | 98.0 | 98.7 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | • • • • • • • • • | ••••• | ••••• | • • • • • | • • • • • • • • | • • • • • • | ***** | • • • • • • • | • • • • • • | ***** | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: MAY HOURS(LST): 2100-2300 CEILING VISIBILITY IN STATUTE MILES GE GE GE IN GE GΕ GE 6r 6 E GE FEET 10 1 1/4 5/8 1/2 5/16 1/4 0 3 2 1/2 2 NO CETL I 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 GE 200001 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 85.1 85.3 85.1 85.3 85.1 85.1 85.1 85.3 85 •1 85 .3 85.1 85.1 85.1 85.1 85.1 85.1 85.1 GE 180001 85.1 85.1 85.3 GE 16000 85.3 85.3 85.3 85.3 85.3 GE 140001 GE 120001 86.0 86.0 87.4 86.0 87.4 86.0 87.4 86.0 87.4 86.0 86.0 86.0 86. D 86.0 86 .0 86.0 86.0 86.0 86.0 87.4 87.4 57.4 87.4 89.2 89.2 92.4 89 •2 89 •2 92 •4 GE 100001 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 92.4 89.2 89.2 89.2 89.2 92.4 89.2 92.4 89.2 89.2 92.4 89.2 92.4 GE GE 90001 89.2 89.2 89.2 89.2 92.4 92.4 92.5 92.4 92.4 80001 70001 92.5 92.5 GE 92.5 92.5 92.5 GE 60001 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 93.7 93.7 93.7 93.7 94.3 93.7 GE GE 50001 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 45001 93.7 93.7 93.7 93.7 93.7 93.7 94.3 94.6 93.7 93.7 93.7 GF 40001 35001 94.3 94.3 94.5 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.6 94.6 94.6 94.6 GE 94 • 6 95 • 6 94.6 94.6 94.6 GE 30001 95.6 95.6 95.6 95 .6 95.6 95.6 95.6 95.6 25001 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8 GE 2000 f 96.1 96.5 96.1 96.1 96.1 96.1 96.5 96.1 96.1 96.5 96.1 96.1 96.5 96.1 96.5 96.1 96.5 96.1 96.5 96.1 96.5 96.1 96.5 96.1 96.5 97.1 GE 96.5 96.5 96.5 96.5 97.2 96.5 97.3 97.2 1500 97.1 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 GE 12001 98.1 98.4 98.5 98.8 98.8 98.8 98 . 8 98 - 8 98.8 98.8 98.8 98.8 98.8 98.8 GF 10001 98.6 98.7 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 98.2 99.0 99.0 99.0 98.6 98.6 99.0 99.0 99.0 99.0 99.0 98.7 98.9 99.0 99.0 99.0 99.0 GE 900 98.Z 98.Z 98.7 98.9 99.0 99.0 99.0 99.2 99.0 99.0 GE 8001 99.0 7001 98.6 99.2 GE 98.8 98.2 99.1 99.2 99.2 6001 99.5 99.5 GΕ GE 5001 98.2 98.7 99.2 99.6 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 4001 98.2 98.2 98.7 98.7 99.2 99.2 99.6 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GĒ 3001 99.9 99.9 100.0 180.0 100.0 99.8 100.0 100.0 99.9 100.0 GE 20nl 98.2 98.7 99.2 99.6 99.7 100.0 100.0 100.0 100.0 100.0 1001 98.7 99.6 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 01 98.2 98.7 99.2 99.6 99.7 99.8 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | ATION NU | MBER: | 912180 | STATI | ON NAME: | ANDE | RSEN AFB | GU AM | | | | | | ORD: 78 | | | |
|-------|---------------|-----------|---------------|-------------|-----------------|-----------|----------|-------------|-------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|--------|
| | | | | | | | | | | | | MONTH | | | (LST): | ALL | |
| | IL ING | • • • • • | • • • • • • • | • • • • • • | • • • • • • • • | | •••••• | | | IN STATE | | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| | IN I | GE | GE | Gξ | GE | GE | GE | GE | GE | GE | GE | 6E | GE | GΕ | GE | GE | GE |
| | ET I | 10 | 6 | 5 | ŭ. | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0. |
| | | | | | ***** | | | | | | | | • • • • • • | | | | |
| | | | | | | | | | | | | | | | | | |
| NO | CEIL 1 | | 70.4 | 70.4 | 70 . 4 | 70.4 | 78.4 | 70.4 | 70.4 | 70 .4 | 70 • 4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE | 200001 | | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| | 180001 | | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80 · R |
| | 160001 | | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| GE | 140001 | | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| | 120001 | | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| | | | | | • - | | | | | | | - 1.05 | | • | | • | |
| GE | 100001 | | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE | 90001 | | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE | 80001 | | 90.3 | 90.4 | 90.4 | 90 4 | 90.4 | 90.4 | 90.4 | 90 -4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GΕ | 7000) | | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91 - 1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE | 60001 | | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| | | | | | | | | | | | | _ | • • • | • | | | |
| G€ | 50001 | | 92.1 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GΕ | 45001 | | 92.3 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE | 40001 | | 93.1 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE | 35001 | | 93.6 | 93.9 | 94 - 0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE | 30001 | | 94.4 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| | | | | | | | | | | | | | | | | | |
| GE | 25001 | | 94.5 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95 . g | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE | 20001 | | 94.7 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| G€ | 10081 | | 94.8 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 6E | 15001 | | 95.7 | 96.2 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96 .6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96 • 6 |
| GE | 1200 | | 96.5 | 97.2 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE | 10001 | | 97.3 | 98.1 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE | 9001 | | 97.4 | 98.2 | 98.5 | 98.9 | 98.9 | 98.9 | 99,0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99•n | 99.0 |
| ĞĒ | 8001 | | 97.4 | 98.3 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE | 7001 | | 97.5 | 98.4 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 22.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| GE | 6001 | | 97.6 | 98.5 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 5001 | | 97.8 | 98.7 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | | | | 00.4 | | 99.9 | | 99.9 |
| GE | 4001 | | 97.8 | 98.7 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | | 99.9 | 99.9 |
| GE | 3001 | | 97.8 | 98.7 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 | 99.9 100.0 | 100.0 |
| GE | 2001 | | 97.8 | 98.7 | 99.1 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | |
| GE | 1001 | | 97.8 | 98.7 | 99.1 | 99.5 | 99.5 | | | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3L | 1001 | | 71.0 | 70.1 | 77.1 | 77.3 | 7 70 5 | 99•7 | 99.8 | 77.8 | 77.7 | 77.7 | 77.7 | 100+0 | 100.0 | 100.0 | 100.0 |
| GΕ | 01 | | 97.8 | 98.7 | 99.1 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • | • • • • • • • | • • • • • | • • • • • • • | ••••• | • • • • • • • • | • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | •••••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): DDDD-DZDD

| | | | | | | | | | | | | MONTH | : JUN | M00%2 | (F21): | 0000-02 | 00 |
|-------|--------|-----------|---------------|---------------|-----------------|--------|---------------|-------|-------|---------|-------|---------|-------------|--------|--------|---------------|-------|
| | LING | • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | | • • • • • • • | | | IN STAT | | | • • • • • • | | ••••• | • • • • • • • | ••••• |
| | N I | GE | GE | GE_ | GΕ | GE | GE | 68 | GΕ | GE | GE | GE | GΕ | GE | GΕ | GE | GE |
| | ET | 10 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| | | • • • • • | | ****** | • • • • • • • • | | | | | | | | | | | • • • • • • | |
| NO | CEIL | | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| GE | 200001 | | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| GE | 180001 | | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | ^ 9 | 78.9 |
| GE | 160801 | | 79.0 | 79.1 | 79 • 1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 19.1 | 79.1 | 79.1 | 79.1 | 1 | 79.1 |
| G€ | 140001 | | 80.6 | 80.7 | 80.7 | 60.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| GΕ | 120001 | | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE | 100001 | | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GΕ | 90001 | | 89.9 | 90.0 | 9D • D | 90.0 | 90.0 | 90.0 | 90.0 | 90 . | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GΕ | 80001 | | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93-7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE | 70001 | | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE | 60001 | | 94.3 | 94.6 | 94.6 | 94 • 6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| | , | | | | | | | | | | | | , | | | | |
| GE | sapal | | 94.6 | 94.8 | 94 . 8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE | 45001 | | 94.6 | 94.8 | 94.8 | 94 . 8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE | 40001 | | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE | 35001 | | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GĒ | 30001 | | 97.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97•7 | 97.7 | 97.7 |
| GE | 25001 | | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE | 20001 | | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE | 18001 | | 97.3 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.7 | 97.9 | 97.9 | 97.9 | . 9 |
| GE | 15001 | | 97.6 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98 • 2 | 98.2 | 98.2 | 98.2 |
| GΕ | 12001 | | 98.2 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99-1 | 99.1 | 99.1 | 99.1 | 99.1 |
| UL | 1,000 | | 98.2 | 70.0 | 70 • 7 | 77.0 | 77.0 | 77.4 | ,,,, | ,,,, | ,,,,, | ,,,, | 7711 | ,,,, | 77.1 | ,,.1 | 99.1 |
| GE | 10001 | | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 9001 | | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 8001 | | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 700l | | 98.4 | 99.2 | 99.6 | 99.7 | 79.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99,8 | 99.8 | 99.8 | 99.8 |
| GE | 6001 | | 98.4 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 6E | 5001 | | 98.4 | 99.2 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GF | 4001 | | 98.4 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GĚ | 3001 | | 98.4 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2001 | | 98.4 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1001 | | 98.4 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100 • n | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | 7 | | | | | _ | | - | | | |
| ĢΕ | 01 | | 98.4 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUN HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 1 CEILING CELLING IN 1 GE FEET 1 10 6Ε 1 GE GΕ GE 6E GE 3 2 1/2 GE GΕ GΕ GF SE O 6 5 4 3/4 5/8 1/2 5/16 NO CEIL ! 8.03 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8 GE 200001 77.2 77.2 77.2 77.2 78.1 78.1 77.2 78.1 78.1 77.2 78.1 78.1 77.2 78.1 78.1 77.2 77.2 77.2 77.2 77.2 77.2 77.2 77.2 GE 16000 78 • 1 78 • 1 78.1 78.1 78.1 78 . 1 78.1 78.1 78.1 78.1 78.1 80.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 80.1 78.1 78.1 78.1 78.1 140001 80.1 80.1 80.1 80.1 80.1 80.1 80.1 8n.1 80.1 80.1 80.1 80.1 GE 120001 84.9 84.9 GE 100001 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 90001 89·1 92·7 93·1 89.1 89.1 92.7 93.1 93.4 89.1 92.7 89.1 92.7 89.1 92.7 89.1 92.7 89.1 92.7 89.1 92.7 89.1 92.7 89.1 92.7 89.1 89.1 89.1 89.1 92.7 92.7 93.1 92.7 92.7 GE 80001 92.7 GE 70001 93.1 93.4 93.1 93.4 93.1 93.4 93.1 93.4 93.1 93.1 93.1 93.1 60001 93.4 93.4 93.4 93.4 93.4 GΕ 50001 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 95.1 96.1 93.8 95.1 93.8 GΕ 45801 93.6 93.8 93.8 93.8 93.8 93.8 93.8 93.8 40001 95.1 95.1 96.1 95.1 96.1 95.1 95.1 95.1 95.1 95.1 96.1 95.1 95.1 95.1 95.1 35001 96.1 96.1 96.1 96.1 96.9 96.1 96.1 96.1 96.1 96.1 96.1 30001 96.8 96.8 96.8 96.9 96.9 96.9 96.9 GE 250nl 97.0 97.2 97.3 97.0 97.2 97.3 97.9 97.0 97.1 97.1 97.1 97.1 97.3 97.1 97.3 97.1 97.3 97.1 97.1 97.3 97.1 97.3 97.1 97.3 97.1 97.3 97.3 97.4 97.3 97.3 97.4 98.0 GΕ 20001 97.2 97.3 97.3 97.3 97.4 98.1 GE 18001 97.4 97.4 97.4 97.4 97.4 97.4 97.9 98.0 98.0 98.1 99.3 98.1 99.3 98.1 99.3 98.1 98.1 98.1 98.1 98.1 12001 98.6 98.9 99.3 99.3 99.3 99.3 99.0 99.0 99.0 99.6 99.6 99.6 GE 10001 98.7 99.3 99.6 99.7 99.7 99.6 99.7 99.7 99.7 99.7 99.7 99.7 G€ 99.6 98.7 99.3 99.3 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 9001 99.7 8001 98.7 GE GE 99.7 99.8 99.7 7001 99.7 99.7 98.8 99.1 99.4 99.7 99.8 99.8 99.8 99.8 99.8 6001 99.1 99.7 99.8 99.8 99.8 99.8 99.8 5001 99.2 99.9 99.9 99.9 99.6 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.8 99.8 99.9 99.9 99.9 99.9 99.0 99.9 GE GE 99.2 99.6 99.6 99.8 99.8 99.8 99.8 99.9 99.9 4001 98.8 99.9 99.9 99.9 99.9 99.9 99.9 3001 98.8 99.9 99.9 99.9 99.6 GE 2001 99.2 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 GE 100.0 1001 98.8 99.2 99.6 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE ٥l 98.8 99.7 99.6 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 900

: # : * GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOURLY OBSERVATIONS

ATR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUN HOURS(LST): 0600-0800 FE VISIBILITY IN STATUTE MILES CE IL ING GE E GE GE 2 1 1/2 1 1/4 GΕ 5 3 2 1/2 1 3/4 5/8 1/2 5/16 ٥ NO CEIL 1 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 GE 200001 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.8 79.3 79.3 79.8 79.3 79.8 79.3 79.8 80.4 79.3 79.3 79.3 79.8 80.4 82.4 GE 18000 79.8 79.8 80.4 79.8 80.4 79.8 79.8 79.8 79.8 79.8 80.4 82.4 79.8 79.8 80.4 82.4 87.3 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4 GE 140001 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 6E 120001 87.3 GE LONDON 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.8 94.1 91.7 91.7 91.7 91.8 94.1 94.2 91.8 94.1 94.2 91.8 94.1 91.8 94.1 91.8 94.1 91.8 94.1 91.8 91.8 94.1 91.8 91.8 91.8 91.8 94.1 90001 91.8 91.8 94.1 GE 6E 70001 94.2 94.2 94.2 94 • 2 94 • 6 94.2 94.2 94.2 94.2 94.2 94.2 10000 94.6 94.6 GE 94.9 94.9 96.2 94.9 94.9 96.2 50001 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 96.2 94.9 94.9 96.2 94.9 94.9 96.2 94.9 94.9 94.9 94.9 94.9 94.9 94.9 96.2 96.7 94.9 96.2 96.7 94.9 96.2 96.7 94.9 96.2 94.9 96.2 6F 45001 94.9 94.9 ĞΕ 40001 96.2 96.7 96.2 96.7 GE GE 35001 96.7 96.7 96.7 96.7 96 . 7 96.7 96.7 96.7 96.7 96.7 30001 97.1 97.2 97.2 97.2 GE 97.2 97.3 97.3 97.3 25001 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 GE 20001 97.2 97.3 97.3 97.3 97•3 97•3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 18001 GΕ 97.2 97.3 97.3 6E 15001 97.4 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 1200 98.8 98.9 98.9 98.9 GE 10001 98.6 98.8 99.1 99.4 99.8 99.8 99.4 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.4 99.6 99.6 GE 9001 98.6 98.8 99.1 99.4 99.4 99.6 99.6 99.8 99.8 99.9 99.9 99.8 99.9 99.9 99.8 99.8 99.8 99.8 99.8 99.8 GE 8001 99.9 99.9 99.9 99.9 99.9 GĚ 700 98.7 99.0 99.9 99.9 GE 99.6 6001 98.7 98.9 5001 99.3 99.9 19.9 GE 98.7 98.9 99.2 99.6 99.6 99.6 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 4001 GE GE GE 98.7 98.9 99.2 99.6 99.6 99.6 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 3001 98.7 98.9 99.2 100.0 100.0 98.7 98.7 99.9 99.9 2001 98.9 99.2 99.6 99.6 99.6 99.9 100.0 100.0 100.0 99.2 99.9 99.6 99.6 99.6 99.9 99.9 100.0 100.0 100-0 10 99.6 99.6 99.6 99.9 90.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: A NOERSEN AFB GUAM PERIOD OF RECORD: 78-87 HOURS(LST): 0900-1100 MONTH: JUN VISIBILITY IN STATUTE HILES CEILING GE GE GE 2 1 1/2 1 1/4 GΕ GE GΕ GE GE GE FEET 10 3 2 1/2 3/4 5/8 1/2 5/16 1/4 Ω NO CEIL I 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 GE 200001 GE 180001 79.4 79.4 79.9 79.4 79.9 79.4 79.9 79.4 79.9 80.1 79.4 79.4 79.4 79.4 79.9 79.4 79.4 79.9 79.4 79.9 79.4 79.4 79.4 79.9 80.1 GE 180001 79.9 79.9 79.9 79.9 79.9 79.9 79.9 80.1 80.1 81.7 80.1 80.1 80.1 80.1 80.1 80.1 80.1 80.1 80.1 80.1 80.1 81.7 GE 140001 81.7 81.7 81.7 85.3 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 120001 85.3 85.3 10000 89.3 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.3 89.4 91.6 89.4 91.6 89.4 89.4 91.6 89.4 91.6 89.4 91.6 89.4 91.6 89.4 91.6 89.4 91.6 89.4 89.4 89.4 БE 90001 89.4 89.4 80001 91.6 91.6 92.0 70001 91.9 92.0 92.0 92.0 92.3 92.0 92.0 92.0 92.₀ 92.0 92.0 92.0 GE 92.2 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 93.1 93.1 93.1 93.1 GE 92.9 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 50001 93-1 93.2 93.0 93,2 93.2 95.3 93.2 95.3 96.2 93.2 93.2 93.2 95.3 45001 93.2 93.2 93.2 93.2 93.2 93.2 95.3 96.2 95.3 96.2 97.0 95.3 95.3 95.3 GE 40001 95.8 96.2 35001 30001 97.0 97.0 97.1 97.2 GE 25001 96,6 96.9 96.9 97.0 97.0 97.0 97.0 97.0 97.D 97.0 97.0 97.0 97.0 97.0 97.0 97.1 97.2 97.1 97.2 97.1 97.2 97.1 97.2 97.1 97.1 97.1 97.1 97.1 GE 96.7 97.1 97.1 20001 97.2 97.2 97.8 97.2 97.8 GE GE 18001 96.8 97.1 97.1 97.2 97.2 97.2 97.2 15001 97.1 97.6 97.6 97.7 97.7 97.7 97.8 97.8 97.8 97.8 97.8 97.8 99.1 99.0 12001 97.7 99.1 98.2 98.4 10001 97.9 98.4 98.7 99.2 99.3 99.3 99.8 99.2 99.8 99.8 99.8 GE 9001 97.9 98.4 98.7 98.7 99.2 99.2 99.7 99.7 99.8 99.8 99.9 99.9 99.9 99.9 99.2 99.3 GE 8001 97.9 98.4 99.2 99.9 99.9 99.9 99.9 99.9 7001 99.9 99.9 97.9 98.7 98.4 GΕ 98.7 99.9 Soni 99.3 99.4 99.4 99.7 99.8 99.8 99.8 99.9 99.9 99.9 99.9 GE 97.9 98.4 98.7 99.2 99.2 99.7 99.8 99.8 99.9 99.9 99.9 99.8 99.9 GΕ 4001 97.9 98.4 98.7 100.0 100.0 100.0 99.2 99.2 99.9 100.0 GE 3001 97.9 98.4 98.7 99.2 99.2 100.0 100.0 100.0 100.0 99.9 GE 2001 98.4 98.4 99.4 99.8 99.8 99.9 97.9 98.7 99.2 100.0 100.0 100.0 100.0 9 9 • 2 100 100.0 GE 01 97.9 100.0 98.4 98.7 99.2 99.4 99.8 99.9 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: JUN CE IL ING VISIBILITY IN STATUTE MILES GE GE 65 2 1 1/2 1 1/4 FEET GE 3 GF 6E GE GF GE GE 6E 0 5 2 1/2 -1 3/4 10 6 5 /8 1/2 5/16 1/4 NO CEIL I 58.3 58.4 58.4 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6 GE 200001 78.1 79.9 79.9 79.9 80.4 GE 180001 79.4 79.7 79.8 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 8D.3 80.4 80.4 80.4 80.4 SE 16000} 80.2 80.4 80.4 80.4 80.4 80.4 80.4 90.0 80.4 GF 140001 82.0 62.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.D 82.0 85.8 GE 86.0 86.1 86.2 86.2 86.2 86 . 2 86.2 86.2 86.2 86.2 86.2 86.2 100001 90.1 GE 90.3 90.4 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.7 9000 90.2 92.6 90.4 90 • 6 93 • 0 93 • 1 90.7 90.7 90.7 90-7 93-1 90.7 93.1 90.7 93.1 90.7 93.1 90.7 93.1 93.2 90.7 9₀.7 93.1 90.7 93.1 80001 93.2 93.1 93.2 93.1 93.2 93.7 93.1 GE 93.2 GE 70001 93.2 GΕ 60001 93.7 GE GE 94.4 94.4 94.4 94.4 94.4 94.9 94.4 94.4 94.9 94.4 94.4 94.9 94.4 94.4 94.9 50001 93.9 94.2 94 . 3 94.4 94.4 94.4 94.4 94.4 94 .2 94 .7 94.3 94.8 95.9 94.4 45001 93.9 94 • 4 94 • 9 94.4 94.4 94.4 94 .9 96 .0 96 .8 94.9 94.9 GE 40001 94.3 94.9 94.9 GE GE 95.4 95.8 96 .0 96. D 96.0 96.8 96 . B 96.0 96.8 96.0 35001 96.3 96.0 96.0 3000 96.1 96.8 96.8 96.8 96.8 25001 96.8 96.8 96.8 96.8 96.1 96.6 96 . 7 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 97.7 GE GE 20001 96.1 96.1 96.6 96.6 96.7 96.7 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 18001 1500 97.3 97.4 97.7 97.7 97.7 97.7 GE 12001 97.4 98.0 98.1 98.3 98.4 98.6 98.6 98.6 98.6 98.6 98.6 98.6 GE 10001 97.7 98.2 98.3 98.3 98.7 98.8 99.0 99.1 99.1 99.2 99.2 99.2 99.3 99.1 99.1 99.3 99.1 99.2 99.3 99.2 99.3 99.4 98.2 98.7 98.8 99.0 99 •1 99 •2 99.2 99.3 99.4 99.2 99.3 99.3 GE GE 9001 97.7 99.3 99.3 99.3 99.4 99.4 99.1 99.2 99.4 8001 97.7 98.2 98.3 98.8 98.9 99.4 99.4 99.4 99.3 6E 700 i 97.7 98.2 98.3 98.8 98.9 99.6 99.6 99.6 6001 GE 5001 97.7 98.2 98.3 98.8 98.9 99.2 99.3 99.4 99.4 99.4 99.6 99.6 99.3 99.6 99.3 99.4 99.4 97.7 97.8 98.2 98.3 98.4 98.8 98.9 99.2 99.3 99.7 99.8 99.7 99.7 4001 99.9 99.9 99.9 99.9 300 100.0 100.0 100.0 100.0 GE 2001 98.4 98.9 99.0 99.3 99.4 99.8 99.8 99.8 100.0 100.0 100.0 6E 1001 98.3 98.4 99.8 97.8 98.9 99.0 99.3 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

97.8

98.3

G€

01

900

98.9

99.0

99.3

99.4

99.4

99.8

99.8

99.8

100.0 100.0

100.0

100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUN HOURS (LST): 1500-1700 CEILING VISIBILITY IN STATUTE MILES GE GE GE 2 1 1/2 1 1/4 IN I 6E 6 E Œ GE 1 GE 6E 6E 5 3 2 1/2 ົດ 6 . 4 3/4 5/8 1/2 5/16 1/4 NO CEIL I 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56 .2 56.2 56.2 GE 200001 76.3 76.9 77.4 76.3 76.9 77.4 76.3 76.9 77.4 76.3 76.9 77.4 79.6 76.3 76.2 76.3 76.3 76.9 76.3 76.3 76.3 76.3 76.3 76.3 76.3 76.8 77.3 76.9 76.9 76.9 GE 180001 76.9 76.9 77.4 76.9 76.9 76.9 77.4 77.4 77.4 79.6 77.4 77.4 79.6 84.3 GΕ 140001 79.4 79.6 84.3 79.6 84.3 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 GE 120001 6E 100001 87.9 88.1 88.1 88.1 88.1 88 · 2 92 · 2 92 · 6 GE 90001 88.D 92.0 88·2 92·2 88 · 2 92 · 3 88.2 88.2 92.3 88.2 88.2 92.3 88.2 88.2 88.2 92.3 88.2 92.3 88.2 88.2 92.3 88.2 GE 92.3 92.3 92.7 92.3 92.6 92.7 92.7 92.8 GE 10000 92.6 92.8 92.9 97.9 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.D GE 93.3 93.4 94.2 93.7 93.8 93.8 93.8 93.8 93.8 93.8 93.8 Sonni 93.6 93.6 93.7 93.8 93.6 93.8 93.7 94.4 95.4 93.8 94.6 95.7 93.9 93.9 93.9 93.9 93.9 GE 45001 93 • 7 94 • 4 95 • 6 93.8 94.6 95.7 93.9 93.9 93.9 93.9 94.7 94.7 94.7 GE 94.7 94.7 94.7 94.7 94.7 94.7 94.7 95.8 95 · 8 96 · 7 95.8 95.2 95.8 95.8 95.8 95.8 ßF 35001 30001 96.7 96.7 2500) 96.6 96.9 96.9 6E 96.2 96.7 96.8 96.8 96.9 96.9 96.9 96.9 97.0 97.0 97.4 97.0 97.0 97.4 20001 96.3 96.3 96.7 96.8 96.8 96.9 96.9 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 GE 97.0 97.0 97.0 97.4 97.0 GE 1500 97.1 97.4 GΕ 12001 97.6 98.2 98.3 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98 - 7 99.1 99.1 99.1 99.4 99.4 99.4 99.6 98.7 98.7 99.6 99.6 99.6 99.6 GE 10001 97.8 98.4 99.0 99.6 99.6 99.6 99.6 99.6 99.6 98.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 GE 9001 97.8 99.0 99.6 8001 99.6 99.6 99.7 99.6 99.6 99.7 99.6 GE 97.8 98.4 98.7 99.0 99.6 99.6 99.6 99.6 99.7 99.4 99.6 99.6 99.6 6F 7001 97.8 98.4 98.7 99.0 99.1 98.6 6001 97.9 98 . 8 GE 5001 97.9 98.6 99.1 99.8 99.8 99.8 98.8 99.2 99.6 99.8 97.9 98.6 98.8 99.1 99.2 99.6 99.9 99.9 100.0 100.0 4001 100.0 100.0 100.0 100.0 100.0 GE GE 3001 100.0 100 . D 100.0 100.0 100.0 100.0 200 99.9 99.9 100.0 100.0 100.0 100.0 100.0 GF 1001 99.2 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.1 GE 01 98.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | | | | _ | | ERSEN AFB | - | | | | HONTH | OF REC | | ~87 (LST): | 1600-20 | 00 | |
|----|-------------|---------------|---------|---------|---------|-----------|-------------------|------|-------------|-------------|--------|-----------|---------------|---------------|---------------|---------------|---------|---|
| | IL ING | • • • • • • • | ••••• | ••••• | •••••• | • • • • • | • • • • • • • • • | | | IN STAT | | | • • • • • • • | • • • • • • • | | • • • • • • • | ••••• | • |
| | IN EET | 6E 10 | 6E 6 | 6E 5 | GE 4 | 6E 3 | GE 2 1/2 | GE | GE 1 1/2 | GE 1 1/4 | 6E | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | ⊌€ 1/4 | 6E 0 | |
| NO | CEIL 1 | | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | |
| 6E | 200001 | | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | |
| | 180001 | | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | |
| GE | 160001 | | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | |
| GΕ | 140001 | | 79.7 | 79.8 | 79.8 | 79.8 | 79+8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.6 | 79.8 | 79.8 | 79.8 | |
| GE | 120001 | | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | |
| GE | 100001 | | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | |
| GE | 9ann) | | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | |
| GE | 80001 | | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | |
| GF | 70001 | | 93.2 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | |
| GĒ | 60001 | | 93.9 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | |
| GE | 50001 | | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | |
| GE | 45001 | | 94.3 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94 .7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | |
| 6E | 40001 | | 95.2 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | |
| ĢĒ | 35001 | | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96 • 1 | |
| GE | 300C | | 97.3 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | |
| | 25.001 | | | | | | | | | | | | | | | | ••• | |
| GE | 25001 | | 97.4 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | |
| GE | 20001 | | 97.6 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98 • 1 | 98 - 1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | |
| GE | 1800 | | 97.7 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98 • 3 | |
| GE | 1500 | | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98 • 4 | |
| GE | 12001 | | 97.9 | 98,3 | 98.6 | 98 • 6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | |
| GE | 10001 | | 98.2 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE | 9001 | | 98.2 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE | 8001 | | 98.3 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99-8 | 99.8 | |
| GE | 7001 | | 98.3 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GΕ | 6001 | | 98.3 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| БE | 5001 | | 98.4 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 4001 | | 98.4 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 3001 | | 98.4 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 2001 | | 98.4 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GΕ | 1001 | | 98.4 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GΕ | 01 | | 98.4 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 MONTH: JUN HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES CEILING GE 6 GΕ GE 5/16 6E 6E GE 1/4 GE GE FEET 10 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 ٥ NO CEIL I 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57 .7 57.7 57.7 57.7 57.7 57.7 57.7 77.2 78.1 78.7 GE 200001 77.0 77.0 77.0 77.9 77.1 77.1 77.7 77.2 77.2 77.2 77.2 77.2 77.2 77.2 GE 180001 GE 160001 77.9 77.9 78 • 0 78 • 6 78.D 78.6 78.0 78.6 78 -1 78.1 78.7 78.1 78.1 78.7 78.1 78.7 78-1 78-7 78.1 78.7 78.1 78.4 78.4 78.4 80.9 86.3 160001 80.8 80.8 80.9 80.9 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 120001 85.9 86.4 86.1 86.1 86.3 86.3 86.4 86.4 86.4 86.4 86.4 86.4 86.4 86.4 89.0 89.0 89.0 92.6 89.1 89.1 92.7 GE 100001 88.6 88.6 88.8 89.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 88.8 92.3 92.6 89.0 92.6 92.8 90001 88.6 89.1 92.7 89.1 92.7 89.1 92.7 89.1 89.1 89.D 89.1 92.7 89.1 92.7 88.8 89.1 92.7 6F 92.6 92.9 92.9 70001 92.6 92.8 92.9 92.8 92.9 66 93.0 60001 93.4 93.4 95.2 95.6 97.1 92.9 92.9 94.3 93.4 93.4 95.2 93.4 93.4 95.2 GE 50001 93.1 93.1 93.3 93.3 93.3 93.4 93.4 93.4 93.4 93.4 93.4 93.1 93.3 95.1 95.4 97.0 93.4 93.4 93.1 94.9 93.3 93.3 93.4 93.4 93.4 93.4 GE 45001 40001 95.2 95 . 2 96 . 8 95.4 95.4 95.6 97.1 95.6 97.1 95.6 95.6 GE GE 35001 94.7 95.0 95.6 95.6 30001 96.2 96.6 97.1 97.1 97.1 97.0 97.1 97.1 GE 25001 96.4 97.2 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 ز. 97 96.8 97.2 97.2 96.6 97.3 97.3 97.3 97.3 97.4 97.4 98.2 97.6 97.6 98.3 97.6 97.6 98.3 97.6 97.6 97.6 97.6 97.6 98.3 97.6 97.6 97.6 97.6 GE 96.9 97.6 97.6 2000 GE GE 97.6 98.3 97.6 18001 15001 97.3 97.7 97.9 98.1 98.1 98.3 98.3 99.1 98.3 98.3 98.3 99.0 GΕ 1200 98.0 98.6 99.1 99.0 99.3 99.3 99.3 99.4 99.4 99.4 99.6 99.7 10001 98.2 98.8 99.6 99.6 29.6 59.6 98.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 GE 9001 98.8 99.6 8001 98.8 99.0 99.4 99.7 7001 GE 98.9 99.1 99.6 99.6 99.8 99.8 99.8 99.8 GE 6001 98.3 99.0 99.2 99.7 99.7 99.8 99.9 99.7 99.7 99.7 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 GΕ 5001 98.3 99.0 99.2 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.2 99.9 99.9 4001 98.3 99.0 99.7 99.9 99.9 GE GE 99.9 99.9 300 98.3 99.0 99.9 99.9 99.9 GE 2001 98.4 99.1 99.3 99.8 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 01 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 91218D STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUN HOURS (LST) . VISIBILITY IN STATUTE MILES CEILING GE GE 62 2 1 1/2 1 1/4 **6**Ε GE S GΕ GE GF GĘ GE FEET I 3 2 1/2 5/8 10 . 3/4 5/16 ٥ NO CEIL | 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 6€ 200001 77.7 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 78.6 79.0 78.6 79.0 78.6 79.0 80.9 180001 78.5 78.5 78.6 78.6 78.6 79.0 78.6 79.0 78.6 79.0 80.9 78.6 79.0 78 • 6 79 • 0 78.6 GE 16nnnl 78.9 80.8 79.0 79.0 79.0 79. û 79.0 79.0 80.9 80.8 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 6E 120001 85.5 85.7 6F 100001 89.6 89.6 89.7 92.9 89.4 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.7 92.9 93.3 GE 90001 89.7 89.7 89.7 89.7 89.7 89.7 92.9 89.7 89.7 89.5 89.7 89.7 89.7 89.7 80001 92.6 92 • 8 92.9 92.9 92.9 92.9 92.9 92.9 GE 70001 93.0 93.3 93.3 93.3 93.3 93.3 93.3 93.3 60001 93.4 93.6 4.50 93.6 93.6 93.6 93.6 GE 50001 94.0 94.1 94.1 95.5 93.8 94.0 94.1 94.1 94.1 94.1 95.5 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94 - 1 94.1 93.8 95.1 94 • 1 95 • 4 96 • 1 94 .1 95 .5 94.1 4500 94.0 94.1 94.1 94.1 94.1 94.1 GE 40001 95.4 96.2 95.4 96.2 95.5 95.5 95.5 96.2 95.5 95.5 95.5 95.8 35001 96.2 96.2 96.2 96.2 96.2 96.2 96.2 30001 97.3 97.4 97.4 97.3 97.4 GE 25001 96.8 97.1 97.2 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.2 20001 97.3 97.3 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 GE 96.9 1800 96.9 97.4 97.4 GE GE 15001 97.3 97.7 97.8 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 12001 97.9 98.4 98.6 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.2 98.2 GE 10001 98.7 99.6 99.6 99.6 99.6 99.6 98 • 9 98 • 9 99.2 99.3 99.4 99.5 99.5 99.6 99.6 99.5 99.6 99.7 9001 99.2 99.3 99.6 99.6 99.4 99.5 99.6 99.6 99.6 99.6 99.6 GE 8001 98.2 98.7 99.0 99.3 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.7 7001 98.8 99.1 99.4 99.5 99.4 98.2 99.7 99.8 99.8 99.8 99.8 99.8 GE 6001 98.3 99.8 99.4 GE 5001 98.3 98.8 99.1 99.5 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 4001 3001 98.3 98.3 98.8 99.1 99.4 99.5 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 99.9 99.9 100.0 100.0 100.0 100.0 2001 99.2 99.5 99.5 99.7 100.0 100.0 100.0 100.0 1001 98.3 98.9 99.2 99.5 99.5 99.7 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 GF 0.1 98. 1 98.9 99.2 99.5 99.5 90.7 99.9 99.9 99.9 00.0 100.0 100.0 105.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUL HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES GE GE GE GE CEILING GE GE GE 6E GE 6E FEET ! 2 1 1/2 1 1/4 5/8 10 5 3 2 1/2 3/4 1/2 5/16 1/4 n NO CETE I 53.0 53.0 51.1 53.1 53.1 5 3. 1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 70.1 70.2 72.0 72.5 70.2 72.0 72.5 70 • 2 72 • D 72 • 5 GE 200001 70.1 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 71.9 72.0 72.5 75.1 72.0 72.5 18000 72.0 72.0 72.5 72.0 72.5 72.0 72.5 72.0 72.5 72.D 72.5 72.0 71.9 72.0 GE 16000) 72.4 72.5 72.5 GE 140001 74.9 74.9 75 - 1 75 · 1 80 · 8 75.1 75.1 75.1 75 .1 75.1 75.1 75.1 75.1 75.1 75.1 GE 120001 8.08 80.8 80.8 80.8 80.8 80.8 86.6 86.8 90.9 100001 86.6 86.6 86.6 86.6 86.6 86.6 86 . 6 86.7 90.4 90.9 86 · 8 90 · 9 91 · 3 GF 90001 86.7 90.6 86.8 86.8 86.8 86.8 90.9 86.8 86.8 86.8 86.8 86.8 86.8 86.8 GE 90.9 90.9 91.1 7000 91.3 91.3 91.3 91.3 91.3 91.6 GE 60001 91.2 91.6 91.6 91 .6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 GE 50000 92.0 92.3 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 93.0 92.5 92.5 92.5 92.5 93.0 93.5 93.0 93.0 93.0 93.5 93.0 93.0 GΕ 4500 92.6 92.8 93.3 93.0 93.0 93.0 93.0 93.0 93.5 93.0 GE 4000 93.5 93.5 93.5 93.5 93.5 93.5 93.5 94.5 94.5 GΕ 35 nn l 94.0 94.3 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 96.0 96.2 GF 96.2 96.2 96.2 96.2 GE 25001 96.0 96.5 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 97.2 97.2 98.9 97.2 97.2 98.9 20001 96.2 96.8 97 • 2 97 • 2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 GE 97.2 GE 97.2 98.9 GΕ 12001 98.6 99.2 99.2 99.2 99.2 99.2 97.7 97.7 98.8 98.8 99.4 99.4 99.6 99.6 99.6 99.6 GE 10001 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 GE 9001 99.6 99.6 99.6 99.6 99.9 8001 97.8 98.9 99.5 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 G€ 7001 97.8 98.9 99.5 99.7 99.9 99.9 99.9 GE 6001 99.9 GE 5001 97.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.9 99.5 99.7 100.0 100.0 100.0 98.9 99.5 99.7 100.0 GE 4001 97.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.8 GE 3001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.9 2001 100.0 100.0 100.0 100.0 100-0 100.0 100-0 GE 99.5 100.0 100.0 100.0 100.0 100 . 0 100.0 100.0 100.0 100.0 100.0 100.0 6F n t 97.R 98.9 99.5 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100-0

TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HOURS(LST): 0300-0500 MONTH: JUL VISIBILITY IN STATUTE MILES GΕ IN 1 FEET 1 GF GE GE 2 1 1/2 6 F GE 6E GF GE 3 2 1/2 1 1/4 ٥ 5/8 1/2 5/16 NO CEIL ! 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7 GE 200001 72.4 72.4 72.4 72.4 72.4 72.4 72.4 72 .4 72.4 72.4 72.4 72.4 72.4 72.4 72.4 74.3 74.6 76.1 GE 18000 GE 16000 74.3 74.3 74.3 74.3 74.6 74.3 74.6 74.3 74.6 74.3 74.6 74.3 74.6 74.3 74.3 74.6 74.3 74.6 74.3 74.6 74.3 74.3 74.6 74 • 6 GE 14000 76.1 81.6 76.1 81.6 76-1 81,6 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 GE 120001 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 R1 .6 81.6 81.6 86.1 86.7 92.7 86.0 86.1 GE 100001 86.1 86 . 1 86.1 86.7 86.1 86.7 86.1 86.1 86.1 86.7 86.1 86.7 86.1 86.1 86.1 86.1 86.7 92.6 92.6 86.7 86.7 86.7 86.7 86 • 7 92 • 7 92 • 7 86.6 92.5 92.5 90001 92.7 92.7 92.9 92.7 8000 92.7 92.7 92.7 92.7 92.7 GF 92.7 92.7 92.7 92.7 GE 7000 92.7 92.9 92.7 92.7 92.7 60001 92.7 92.8 92.9 92.9 92.9 93.2 93.2 93.0 93.4 93.2 93.7 93.2 93.2 93.2 93.2 50001 93.2 93.2 93.7 93.7 94.6 95.8 97.1 45001 40001 93.5 93.7 93.7 GE 93.7 93.7 93.7 94.6 95.8 97.1 ĞΕ 94.3 94 .6 94.6 94.6 94.6 94.4 94.6 94.6 94.6 94.6 94.6 94.6 94.6 GE 35001 30001 95.8 95.8 95.8 95.8 95.8 95.8 95.8 97.1 G€ 96.5 96.9 97.1 97.1 97.1 97.1 97.1 97.1 97.5 97.5 97.1 97.5 97.5 97.1 97.5 97.5 97.1 97.1 97.1 97.1 97.1 97.4 97.1 97.5 97.1 97.1 97.1 97.1 GE 25nn1 96.5 96.9 97.5 97.5 97.2 97.4 97.4 97.5 97.5 97.5 20001 96.8 97.5 97.5 97.5 GE 1800 96.8 97.2 97.4 97.4 97.4 97.5 97.5 97.5 97.5 98.5 99.0 98.6 98.6 98.6 GE 15001 97.6 98.5 98.5 98.6 98.6 98.6 98.6 98.6 98.6 98.6 12001 99.1 99.2 10001 99.7 99.7 99.7 98.1 98.9 99.5 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 6E 99.7 9001 99.5 99.7 99.7 99.6 99.6 99.7 100.0 99.7 100.0 99.7 100.0 99.7 100.0 99.7 99.7 98.1 98.9 99.7 99.7 99.7 99.7 100.0 100.0 66 98.1 98.1 99.1 100.0 100.0 8001 700 100.0 100.0 100.0 100.0 GE 99.8 100.0 100-0 100.0 GE 6001 98.1 99.1 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 5001 98.1 99.1 99.7 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 4001 3001 98.1 98.1 99.1 99.1 99.7 99.8 99.9 100.0 100.0 100 -0 100.0 100.0 103.0 100.0 100.0 100.0 100.0 99.8 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 GF 2001 98.1 99.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.1 99.8 100.0 100.0 1001 98.1 100.0 100.0 100.0 100.0 100.0 99.7 100.0 100.0 GE

TOTAL NUMBER OF OBSERVATIONS: 930

99.7

99.8

99.9

100.0

100.0 100.0 100.0 100.0

100.0 100.0 100.0

100.0 100.0

6E

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

R WEATHER SERVICE/MAC

| STA | TION | NU | MBER: | 912180 | STATI | ON NAME: | A NO E | ERSEN AFB | GUAM | | | | PERIOD Honth | | 0RD: 78 Hours | -87 (LST): | 0600-08 | 00 |
|------|-------|------------|-----------|-------------|---------------|---------------|-----------|-------------------|------|-------|----------|------|-----------------|---------------|------------------|---------------|-------------|-------|
| | LING | ••• | • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • | • • • • • • • • • | | | IN STATE | | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| 1 | N | 1 | GE | GE | GĘ | GE | GE | CE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| FE | E T | ! | 10 | 6 | 5 | • | 3 | 2 1/2 | | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| NO | CEIL | ı | | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| GE . | 20000 | 1 | | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.9 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| | 18000 | | | 73.9 | 74.0 | 74 . 0 | 74.0 | 74.0 | 74.0 | 74.0 | 74 •0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| | 16000 | | | 74.8 | 74.9 | 74 ,9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| | 14000 | | | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE | 12000 |) | | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE | 10000 | 1 | | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE | 9000 | 1 | | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86 -2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| 6E | 8000 | 1 | | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE | 7000 | | | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE | 6000 | 3 (| | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 38 | 5000 | 1 | | 91.4 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92 •D | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE | 4500 | | | 91.5 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE | 4000 | - • | | 92.5 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE | 3500 | | | 93.8 | 94.5 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE | 3000 | 1 (| | 94.4 | 95.2 | 95 • 6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95•7 | 95.7 |
| GE | 2500 | 31 | | 94.4 | 95.3 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE | 2000 | | | 94.4 | 95.3 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95 • 8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ĢE | 1800 | | | 94.5 | 95.4 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE | 1500 | | | 95.8 | 96.7 | 97.1 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE | 1260 |) (| | 96.3 | 97.4 | 98 • 0 | 98 • 2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE | 1000 | 10 | | 96.8 | 97.8 | 98.4 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GΕ | 900 | 10 | | 96.8 | 97.8 | 98.5 | 98.8 | 98.8 . | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE | 800 | 10 | | 96.9 | 98.2 | 98 • 8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 700 | | | 97.0 | 98.3 | 98 - 9 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | 600 | ונ | | 97.1 | 98,4 | 99 . D | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 500 | | | 97.1 | 98.4 | 99.0 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 6E | 400 | | | 97.1 | 98.4 | 99 • 0 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE | 300 | | | 97.1 | 98.4 | 99 • D | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GΕ | 200 | | | 97.1 | 98.4 | 99.0 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GΕ | 100 | 31 | | 97.1 | 98.4 | 99.0 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE | C | 1 | | 97.1 | 98.4 | 99.0 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF DCCURRENCE OF $_{\mbox{\footnotesize{CFILIN}}G}$ versus visibility from hourly observations

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAN

| 51 | ATION | NU | MBER: | 912180 | ITATE | ON NAME: | ANDE | ERSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | | | | |
|-----|--------|------------|-------------|--------|-------|----------|-----------|-------------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------|-------------|---------------|-----|
| | | | | | | | | | | | | | | : JUL | HOURS | (LST) | 0900-11 | 00 | |
| ĊĖ | ILING | • • • • | • • • • • • | | | •••••• | • • • • • | • • • • • • • • • | ••••• | | IN STAT | | | • • • • • • | • • • • • • | ••••• | • • • • • • | • • • • • • • | ٠. |
| | IN | 1 | GE | GE | GΕ | GE | GE | GE | GE | GE | GE CE | GE HIL | | | 0.5 | | | | |
| | EET | i | 10 | 96 | 5 | 4 | | 2 1/2 | | 1 1/2 | | 6E 1 | GE 3/4 | G€ 5,8 | GE | GΕ | 68 | GE | |
| | | - | | | - | | | | | | | _ | | | 1/2 | 5/16 | 1/4 | 0 | |
| | | | | | | | | | | | | | | | | | ••••• | | • • |
| NO | CEIL | į | | 53.8 | 53.8 | 53.8 | 53.8 | 5 3 . 8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | |
| ٠. | | ٠. | | | ••• | | | | | | | | | | | | | | |
| | 2 3001 | | | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | |
| | 1 8000 | | | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | |
| | 1600 | | | 76.2 | 76.2 | 76.2 | 76 • 2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | |
| | 14001 | | | 78.4 | 78.4 | 78.4 | 78.4 | 78-4 | 78.4 | 78.4 | 78 •4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | |
| GE | 1200 | 01 | | 82.9 | 82,9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | |
| GE | 10000 | 0 (| | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | |
| G€ | 9000 | 91 | | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | |
| GE | 8000 | 0) | | 92.3 | 92.4 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | |
| GE | 7000 | 0 1 | | 92.3 | 92.4 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | |
| G€ | 6000 | 0 | | 92.5 | 92.6 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | |
| | | | | | | | | | | | | | | | | | | _ | |
| GE. | | | | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93-1 | |
| 68 | | | | 92.8 | 92.9 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93,4 | |
| GE | 4000 | | | 94.4 | 94.6 | 94.8 | 94.8 | 94.8 | 95.1 | 95 • 1 | 95 -1 | 95 • 1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | |
| GE | | | | 95.1 | 95.4 | 95.7 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | |
| GE | 3000 | 91 | | 95.5 | 95.8 | 96 • 3 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96 • 8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | |
| GE | 2500 | 1 | | 95.5 | 95.8 | 96.3 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | |
| GE | 2000 | n Ì | | 95.6 | 95.9 | 96.5 | 96 .8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | |
| GE | 1800 | וכ | | 95.6 | 95.9 | 96.5 | 96.8 | 96.8 | 97.Ü | 97.0 | 97.0 | 97 • 0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | |
| GE | 1500 | | | 96.0 | 96.5 | 97.0 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97 • 6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | |
| GΕ | 1200 | 31 | | 96.3 | 96.9 | 97.5 | 98.D | 98.0 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | |
| GΕ | 1000 | . 1 | | 96.6 | 97.2 | 98 • 0 | 98.4 | 98.4 | | | | | | | | | | | |
| GE | 900 | | | 96.6 | 97.2 | 98.0 | 98.4 | 98.4 | 99.0 99.0 | 99.1 99.1 | 99.1 99.1 | 99.2 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE | 800 | - : | | 96.6 | 97.2 | 98.0 | 98.4 | 98.4 | 99.0 | 99.1 | 99.1 | 99.2 | 99.4 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE | 700 | | | 96.9 | 97.5 | 98.3 | 98.7 | 98.7 | 99.4 | 99.5 | 99.5 | 99.6 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | |
| ĞΕ | 600 | | | 96.9 | 97,5 | 98.3 | 98.7 | 98.7 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | |
| | 000 | ,, | | 70.7 | 7:13 | 70.3 | 70 47 | 70.1 | 77.4 | 77.3 | 77.3 | 77.0 | 77.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE | 500 | | | 96.9 | 97.5 | 98 • 3 | 98.7 | 98.7 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE | 400 | | | 97.0 | 97.6 | 98.4 | 98.8 | 98.8 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | |
| G€ | 300 | | | 97.0 | 97.6 | 98.4 | 98.8 | 98.8 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 200 | | | 97.0 | 97.6 | 98.4 | 98.8 | 98.8 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 300 | 31 | | 97.0 | 97.6 | 98 • 4 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | C | 1 | | 97.0 | 97,6 | 98.4 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | ATION N | UMBER: | 912180 | STATI | ON NAME: | A ND E | RSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | -87 | | |
|----|---------------|-----------|---------------|-------------|-----------|-------------|----------|--------|-------|----------|--------|--------|---------------|---------------|-------------|---------------|---|
| | | | | | | | | | | | | HONTH | | | | 1200-14 | |
| | ILING | • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • | •••••• | | | IN STATE | | | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • |
| | IN I | GE | GE | GE | GE | GE | GE | G E | GE. | GE | 6E | GE | GE | GΕ | GE | GE | GE |
| | EET I | 10 | 6 | 5 | 4 | | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | Q |
| | • • • • • • • | | • • • • • • • | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| NO | CEIL | | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| GF | 200001 | | 76.1 | 70.2 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| | 180001 | | 71.1 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| | 160001 | | 72.2 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72 - 7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ĞΕ | 140001 | | 74.8 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE | 120001 | | 79.2 | 79.6 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE | 100001 | | 84.4 | 84.7 | 85 . 1 | 85.1 | 85.1 | 85 - 1 | 85.1 | 85 -1 | 85 • 1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE | 90001 | | 84.5 | 84.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE | 80001 | | 89.4 | 89.8 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90 • 3 | 90.3 | 90.3 | 90.3 |
| GE | 70001 | | 89.5 | 89.9 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90 .4 | 90 . 4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GĘ | 60001 | | 89.5 | 89,9 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90 -4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 6E | Snoot | | 89.8 | 90.2 | 90 . 6 | 90.8 | 90.8 | 99.8 | 90.8 | 90 -8 | 90.8 | 90.8 | 90.8 | 90.6 | 90.8 | 90.8 | 90.8 |
| GE | 45001 | | 89.9 | 90.3 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE | 40001 | | 91.5 | 92.0 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE | 35001 | | 92.8 | 93.4 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94 - 1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE | 30001 | | 93.1 | 94.0 | 94,4 | 94.6 | 94.6 | 94 • 6 | 94.6 | 94 .6 | 94 • 6 | 94 • 6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE | 25001 | | 93.1 | 94.0 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE | 20001 | | 93.2 | 94.1 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE | 18001 | | 93.3 | 94.2 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95 - 1 | 95.1 | 95.1 | 95.1 | 95.1 | 95,1 | 95.1 | 95.1 |
| GE | 15001 | | 94.4 | 95.8 | 96.5 | 97.0 | 97. D | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE | 12001 | | 95.3 | 96.9 | 97.5 | 98.1 | 98.1 | 98.2 | 98.2 | 98 • 2 | 98 • 3 | 98.3 | 98.3 | 98.4 | 98.4 | 99.4 | 98.4 |
| 68 | 1000) | | 95.7 | 97.5 | 98.3 | 98.9 | 98,9 | 99.0 | 99.0 | 99.0 | 99 • 1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| G€ | 9001 | | 95.7 | 97.5 | 98.3 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 8001 | | 95.7 | 97.5 | 98.3 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 7001 | | 95.7 | 97.5 | 98.3 | 98.9 | 98,9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE | 6001 | | 95.7 | 97.6 | 98.4 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99•2 | 99•2 | 99.7 | 99.7 | 99.8 | 99.8 |
| 6E | 5001 | | 95.7 | 97.6 | 98.4 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE | 4001 | | 95.7 | 97.6 | 98 • 5 | 99.1 | 99+1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 |
| GE | 3001 | | 95.7 | 97.6 | 98.5 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 |
| GE | 2001 | | 95.7 | 97.6 | 98.5 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 |
| GE | 100 | | 95.7 | 97.6 | 98.5 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 |
| GE | 31 | | 95.7 | 97.6 | 98.5 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 |
| | | | | | . | . . | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: JUL HOURS(LST): 1500-1700 CE IL ING VISIBILITY IN STATUTE HILES ßĒ GE IN FEET GE GE 4 GE GE 3 2 1/2 GE 1 1/2 GΕ GE 1 1/4 5/16 0 10 2 5/8 NO CEIL I 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 47.2 67.7 GE 200001 67.6 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 69.8 69.8 70.5 72.9 69.7 69.8 70.5 69.8 70.5 69.8 70.5 69.8 70.5 69.8 70.5 69 •8 70 •5 GE 180001 69.8 69.8 69.8 69.8 69.8 69.8 70.5 7g • 5 160001 73.5 70.5 70.5 78.5 72.6 79.0 72.9 79.5 140001 . i 72.8 72.9 72.9 72.9 72.9 72.9 72.9 72.9 120001 79.5 79.5 79.5 79.5 . 1 79.4 79.5 79.5 79.5 . 2 84.7 GE 100001 84.2 84.8 84.8 84.8 84.8 84 .8 84.8 84.8 84.8 84.8 84.8 84.8 84.8 84.8 84.3 84.8 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 88.8 89.1 GE GE 90001 84.9 84.9 84.9 84.9 84.9 . 2 88.8 88.8 89.1 88.8 68.8 80001 86.8 7000 l 89.1 89.1 89.1 88.2 89.6 GE 60001 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 90.2 90.5 91.8 92.9 90.2 90.5 91.8 97.9 .2 90.2 90.5 90 • 2 90 • 5 90.2 90.5 90 •2 90 •5 90.2 90.5 90.2 90.5 90.2 90.5 GE 50001 89.2 90.1 90.2 90.2 90.2 90.2 9₀.4 91.5 90.5 90.5 90.5 GE 45001 89.6 90.5 6E 4000 l . 2 90.6 91.6 91.7 91.7 91.8 91.8 91.8 91.8 91.B 92.9 91.8 91.8 91.8 6E 35001 . 2 92.6 92 • 7 94 • 3 92 • 8 94 • 4 92. A 92.9 92.9 92.9 94.5 30001 94.4 94.5 94,9 94.9 95.3 95.8 25001 94.8 GE ĞĒ 20001 . 2 93.8 94.7 94.9 95.1 95.1 95.6 95.2 95.7 95.2 95.7 95.3 95.8 95.3 95.8 95.3 95.8 95.3 95.8 95.3 95.8 95.3 95.8 95.3 GE 95.4 94.1 95.1 96.6 95.6 95.A 1500 97.7 97.8 97.8 97.8 97.8 98.0 98.0 98.4 GE 12001 95.5 98.4 98.5 98.7 98.8 98.8 98.8 98.8 98.9 98.9 98.9 98.9 99.2 99.2 99.5 99.2 99.2 99.5 99.2 99.2 99.5 GF tonnt . 2 95.7 97.4 98.1 98.7 98.7 9.89 99.1 99.2 99.4 99.4 99.4 99.4 99.4 99.4 97.4 97.4 97.4 98 · 1 98 · 1 99.2 99.1 GE 9001 98 .7 98.7 98.9 99.4 .2 95.7 95.7 99.4 ßE 8001 98 - 8 98.8 99.0 99.6 99.6 98.8 99.0 99.5 99.5 99.6 99.6 99.6 GE 7001 . 2 95.7 98.1 98.8 99.4 99.5 99.5 GE GE 5001 • 5 95.7 97.4 98.1 98.8 98.8 99.0 99.5 99.6 99.7 99.7 99.7 99.9 99.9 99.9 99.9 GE GE 4001 :2 95.7 95.7 97.4 98 • 1 98 • 1 98 · 8 98 · 8 98.8 98.8 99.0 99.1 99.5 99.6 99.7 99.7 99.7 99.8 99.7 99.9 99.9 99.9 99.9 3001 99.6 100.0 100.0 100.0 97.4 99.1 99.8 98.1 99.8 99.8 100.0 100.0 100.0 1 no - n 2001 99.6 1001 95.7 98.8 90.8 100.D 100.0 100.0 100.0 GE at . 2 95.7 97.4 98.1 98 .8 98.8 99.1 99.6 99.7 99.8 99.8 99.8 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | ATION NU | MBER: | | _ | | | RSEN AFB | | | | | | OF REC | HOURS | 3-87 5(L5T): | 1800-20 | 300 | |
|----------|-----------------|-------------|---------------|---------------|--------|-----------|-----------------|-------------|---------------|----------|----------------|-------|-------------|-------------|-----------------|---------------|---------------|-------|
| ČE | ILING | • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • | • • • • • • • • | | | IN STATE | TE MT | F C | ••••• | • • • • • • | • • • • • • • | | • • • • • • • | • • • |
| | IN [| G€ | 6E | 6E | GΕ | GE | GE | 68 | GE | GE | 6E | GE | GE | G€ | GE | GE | GE | |
| F | EET 1 | 10 | 6 | 5 | 4 | 3 | | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ۵. | |
| • • | | | | | | | | | | | . . | | | | | | | |
| NO | CEIL I | | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48,9 | 48.9 | |
| GF | 200001 | | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | |
| | 180001 | | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | |
| GE | 160001 | | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | |
| GE | 190001 | | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75 • 9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | |
| | 120001 | | 82.0 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | |
| | | | | | | | | | - | • | | | | • | | • | | |
| GE | | | 86.6 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | |
| GE | 90001 | | 86.9 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 6E | 80001 | | 90.4 | 91.1 | 91.1 | 91.1 | 91-1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91-1 | 91.1 | 91.1 | |
| GΕ | 70001 | | 90.6 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | |
| GE | 60001 | | 90.6 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | |
| GE | 50001 | | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | |
| GΕ | 45001 | | 91.1 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | |
| GE | 40001 | | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | |
| GE | 35001 | | 93.1 | 93.8 | 93.9 | 94.0 | 94.D | 94.0 | 94.0 | 94 -0 | 94 . D | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | |
| GΕ | 30001 | | 94.2 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95 • 3 | |
| | 25221 | | | | | | _ | | | | | | | | | | | |
| GE | 25001 | | 94.6 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | |
| GE | 20001 | | 94.7 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| GE GE | 18001 | | 94.8 | 95.7 | 95.9 | 96.0 | 96.D | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96 • 0 | |
| GE | 15001 | | 95.7 | 97.0 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | |
| UE | 12001 | | 96.2 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | |
| GE | 10001 | | 96.5 | 98.3 | 98.6 | 98.8 | 96.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.D | 99.0 | 99.0 | 99.0 | 99.0 | |
| GE | 9001 | | 96.5 | 98.3 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.n | 99.0 | |
| GE | 1008 | | 96.7 | 98.5 | 98.8 | 99.0 | 99.D | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GΕ | 70a) | | 96.7 | 98.5 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ĢĒ | 6001 | | 96.8 | 98.6 | 98.9 | 99.1 | 99•1 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE | 5001 | | 96.8 | 98.6 | 98.9 | 99.1 | 99.1 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE | 4601 | | 96.8 | 98.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GΕ | 3001 | | 96.8 | 98.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GΕ | 2601 | | 96.8 | 98.6 | 98 • 9 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 180.0 | |
| GE | 100 | | 96.8 | 98.6 | | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | | | 04.0 | | | | | | | | | | | | | | | |
| GE | 01 | | 96.8 | 98.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| ••• | • • • • • • • • | • • • • • • | • • • • • • • | ***** | | ••••• | ••••• | • • • • • • | • • • • • • • | •••• | • • • • • • • | ••••• | • • • • • • | • • • • • • | •••••• | • • • • • • • | ***** | • • |

TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | | IMBER: | 912180 | STATI | ON NAME: | A NO E | RSEN AFB | - | | | | | OF REC | | -87 (LST): | 2100-23 | 00 |
|----------|-------|-----|-----------|---------------|--------------|--------------|--------------|-------------------|--------------|---------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|
| | LING | | •••• | • • • • • • • | ••••• | •••••• | • • • • • | • • • • • • • • • | | | IN STAT | | ES. | ••••• | • • • • • • • | ••••• | ••••• | ••••• |
| FEI | E T | - | 10 6E | 6E 6 | GE 5 | 6E • | 6E 3 | GE 2 1/2 | 6£ 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GΕ 5/16 | GE 1/4 | GE D |
| | CEIL | . 1 | • • • • • | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| GE : | 2000 | 101 | | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| SE ' | 1 800 | 0 | | 74.7 | 74.7 | 74 . 7 | 74.7 | 74.7 | 74.7 | 74.7 | 74 .7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 6E | 1600 | 0 | | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE | 1400 | 10 | | 76.8 | 76.8 | 76.8 | 76.8 | 76-8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| 5E . | 1200 | ot | | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| | 1000 | | | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE. | 900 | | | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE | 800 | - : | | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE | 700 | | | 92.0 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE | 600 | U | | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92 .5 | 92 • 5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE | 500 | 01 | | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE | 450 | 101 | | 92.5 | 92.8 | 92 • 8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 6E | 400 | 101 | | 93.1 | 93.4 | 93.4 | 93.4 | 9 3. 4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GΕ | 350 | 101 | | 94.1 | 94.4 | 94 . 4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE | 300 | 101 | | 95.4 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95•9 | 95.9 | 95.9 | 95.9 |
| GE | 250 | 101 | | 96.2 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE | 200 | | | 96.6 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE | 180 | | | 96.8 | 97.1 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE GE | 150 | | | 97.4 97.8 | 97.7 98.2 | 97.8 98.5 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 |
| | | | | | | | | | | | | | | | - | _ | | |
| GE | 100 | | | 98.4 | 98.8 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 90 | | | 98.4 | 98.8 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 100.0 | 99.6 | 99 • 6 | 99.6 | 99.6 | 99.6 | 99.6 100.0 | 99.6 | 99.6 |
| GE GE | 80 | | | 98.7 | 99.2 | 99.6 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 |
| GE | 60 | 101 | | 98.7 | 99.2 | 99.6 | 99.9 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
|) E | 60 | 101 | | 98.7 | 99.2 | 99 • 6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 101 | | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 40 | | | 98.7 | 99.2 | 99.6 | 99.9 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 101 | | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 101 | | 98.7 | 99.2 | 99 • 6 | 99.9 | 100-0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6E | 10 | 101 | | 98.7 | 99.2 | 99 • 6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 01 | | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | • • • • • • • | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUL HOURS(LST): VISIBILITY IN STATUTE MILES CE IL ING 6£ IN | GE FEET | 10 SE GE GE 2 1 1/2 1 1/4 3 2 1/2 5/16 1/2 1/4 0 1 3/4 5/8 NO CEIL ! 52.3 52.3 52.3 52.3 52.3 71.0 73.0 SE 200091 70.9 71 . B 71.0 73.0 71.0 71.0 73.0 71.0 71.0 71.0 .0 70.9 71.0 71.0 71.0 73.0 73.8 75.9 73.0 73.8 75.9 72.8 72.9 73.0 73.0 73.0 73.8 75.9 73.0 GE 180001 73.0 73.0 73.0 GE 140001 .0 73.7 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73·8 75·9 73.8 75.8 75.9 81.4 75.9 75.9 75.9 75.9 75.9 75.9 120001 100001 85.9 86.2 86.2 86.2 86.2 86,2 86.2 86.2 86.2 86.2 86.2 86 . 2 86.2 86.2 86.2 90001 86.2 90.7 86.5 91.1 86.6 91.2 86.6 86.6 86.6 86 .6 91 .2 86.6 86.6 86.6 86.6 91.2 86 · 6 91 · 2 .0 86.6 86.6 91.2 86.6 91.2 91.2 0:0 70001 90.8 60001 • 0 91.0 91.6 91 .6 91.6 91.6 91.6 92.0 92.0 92.3 93.4 50001 -0 91.4 91.8 92.0 92.0 92.0 92.0 92.0 92 - D 92.0 92.0 92.3 92.0 92.0 92.0 92.1 93.1 94.2 92.2 92.3 92.3 92.3 92.3 GE GE 92.2 92.3 92.3 92.3 92.3 93.4 45001 91.7 92.2 40001 .0 93.3 93.4 93.4 93.4 93.8 94.6 GE 35001 • 0 94.6 94.6 94.6 94 .6 94 -6 94.6 94.6 94.6 94.6 94.6 30001 96.1 96.1 96.4 96.5 25001 96.0 96.4 96.4 97.8 96.3 96.5 97.8 96.3 96.5 97.9 GE GE 2000) 1800) •0 95.2 95.3 95.8 95.9 96.2 96.3 96.3 96 .4 96 .5 96.4 96.4 96.5 96.4 96.4 96.4 96.5 96.4 96.4 97.8 98.0 1500 97.5 97,9 98.8 12001 96.6 98.2 98.5 98.7 98.7 98.8 98.8 98.8 98.8 GE •0 99.3 99.3 99.3 99.4 99.4 99.4 10001 96.9 98.1 98.7 99.0 99.0 99.2 99.3 99.3 99.4 99.2 99.3 99.5 99.6 99.4 96.9 99.4 GE 99.3 99.3 99.4 9001 98.1 98.7 99.0 99.0 99.3 99.4 99.6 99.7 99.7 98.8 99.2 99.5 99.6 8001 98.3 99.6 99.7 99.7 97.1 98.3 99.3 99.7 99.7 99.7 G€ 7001 • 0 99.7 99.7 5001 97.1 99.7 99.8 99.9 .0 98.4 98.9 99.3 99.4 99.6 99.6 99.6 99.6 99.8 99.8 99.8 GE 4001 •0 97.1 97.1 98.4 99.0 99.3 99.3 99.4 99.7 99.7 99.7 99.8 99.8 99.9 99.9 100.0 100.0 99.9 99.9 100.0 GE GE 99.9 99.9 100.0 99.7 100.0 100.0 100.0 100.0 GE oi .0 97.1 98.4 99.0 99.4 99.7 99.7 99.9 99.9 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ar service Service

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: AUG HOURS II STI - DOOD-DOOD AIZIBILITA IN ZIVIAL HIFEZ CEILING GF 6E 6F 6E 2 6E 1 1/2 6E GF Gr GF GE 6E 6 F FEET 1 1/4 10 3 2 1/2 5/8 5/16 1/4 ٥ 1/2 NO CETL I 42.3 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 GE 200001 61.8 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0 63.8 64.4 66.6 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 GE 180001 63.5 63.8 63.8 16000 64.2 64.4 64.4 GE 140001 66.6 66.6 66 • 6 66.6 66.6 66 -6 66.6 66.6 66.6 66.6 GE 120001 75.6 75.6 75.1 75.6 75.6 75.6 75.6 75 .6 75.6 83.2 84.2 91.1 83.2 83.2 84.2 91.1 83.2 84.2 91.1 91.2 83.2 84.2 91.1 91.2 83.2 84.2 91.1 91.2 83.2 6€ 100001 82.7 83.1 83.2 83.2 83.2 83.2 B3.2 83.2 83.7 90.5 90.6 84.1 91.0 91.1 90001 84.2 84.2 84.2 91.1 84 .2 91 .1 84.2 91.1 91.2 84.2 91.1 91.2 84.2 91.1 91.2 91.8 GF 80001 91.1 91.2 7000 91.2 91.2 91.2 91.2 GE 60001 91.3 91.8 92.4 93.3 94.5 95.7 92.4 93.3 94.5 GΕ 5000 j 91.5 92.3 92.4 92.4 92.4 93.3 92.4 92.4 92.4 92.4 93.3 94.5 92.4 92.4 93.3 94.5 95.7 92.4 93.3 93.3 94.5 95.7 93.3 94.5 95.7 GF 92.3 93.3 93.2 93.3 93.3 94.5 93.3 94.5 93.3 94.5 95.7 94.5 40001 94.5 94.5 95.7 97.3 95.7 35 00 l 3000 l 95.6 95 - 7 95.7 95.7 95.7 97.3 97.3 97.3 GF 95.7 96.2 97.2 97.8 98.0 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 98.0 98.1 25001 97.3 97.3 97.3 98.0 98.1 98.0 98.1 98.3 98.0 98.1 98.0 98.1 98.0 98.1 98.0 98.1 20001 98 •0 98 •1 98.0 98.1 98 • 0 98 • 1 98.0 98.0 98.0 GE 96.2 98.1 98.6 1800 98.5 98.5 98.5 98 .6 98.6 99.5 98.6 98.2 98.6 98.6 15001 96.3 98 · 6 99 . 5 98.6 98.6 12001 GE 10001 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 96.9 98.7 99.0 99.7 99.7 6E 900 l 800 l 96.9 98.7 98.7 99.0 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.7 98.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 6001 96.9 98.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 5001 99.9 99.9 99.9 GE 96.9 98.7 99.0 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.0 99.0 99.9 99.9 99.9 99.9 98.7 98.7 99.7 99.7 99.7 99.9 90.9 99.9 99.9 9001 96.9 ĞĒ 3001 96.9 100.0 100.0 100.0 100-0 100.0 100.0 GE 98.7 99.7 100.0 100.0 100.0 2001 96.9 99.7 100.0 1001 99.0 100.0 100.0 100.0 01 GE 99.8 100.0 100.0 100-0 100.0 99.9



PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAN MONTH: AUG HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 1 CEILING GE GE 3 2 1/2 6E 5 GE 4 GE GE O IN 6F GE 6ε FEET ! 1/4 10 3/4 5 / 8 6 1/2 5/16 43.0 NO CEIL I 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 4 3. 0 63.2 64.2 64.5 63.2 64.2 64.5 66.5 6E 160001 64.1 64.2 64.2 64.2 64.2 64.2 64.2 64.2 64.2 64.2 64.2 64.2 64.2 64.5 6E 140001 66.5 66.5 GE 120001 74.2 74.5 74.6 74 .6 74.6 74.6 74.6 74.6 74.6 74.6 6E 100001 81.4 82.3 82.4 82.4 82.4 83.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 83.4 83.4 83.4 9000 83.4 83.4 82.5 83.3 83.4 83.4 83.4 83.4 83.4 90.5 83.4 90.5 90.5 80001 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 7000! 89.4 90.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 6000 90.9 6E 50001 90.0 91.1 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 90.4 91.5 91.6 92.9 93.5 91.5 92.6 91 · 6 92 · 8 91.6 92.8 91.6 92.8 91.6 91 •6 92 •9 91.6 92.9 91.6 91.6 91.6 92.9 91.6 91.6 91.6 68 45001 40001 93.2 93.5 35001 92.2 93.4 93.4 93.5 93.5 93.5 91.5 95,5 30001 95.5 95.5 95.5 95.5 95.2 95.6 95.7 25001 93.8 95.9 95.9 95.4 95.4 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.9 96.0 96.9 95.9 96.0 97.0 96.0 96.1 97.1 20001 94.1 96.0 96.1 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.1 97.1 96.1 97.1 96.0 96 ·1 97 ·1 96 · 1 97 · 1 96.1 97.1 96.1 96.1 18001 96.1 15001 GE 12001 95.6 97.4 98.0 98.5 98.6 98.8 98.9 98.9 98.9 98.9 98.9 97.5 97.5 97.5 98.1 99.6 99.0 99.0 6F 10001 95.6 98.9 99.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.8 100.0 98.9 98.9 99.6 98.1 99.2 99.4 99.6 99.7 GE 9001 95.6 99.6 99.7 99.6 99.6 99.6 99.6 GE 8001 95.6 98.1 99.0 99.7 99.7 99.7 99.7 99.7 G€ 7001 95.6 97.5 98 - 1 98.9 99.0 99.2 99.5 99.8 99.8 99.8 99.8 99.8 99.8 ... 99 . R 100.0 100.0 100 •0 100.0 100.0 GE 5001 99.1 99.1 99.1 95.6 97.5 98.2 99.2 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.5 97.5 99.2 100.0 100.0 100.0 GE GE 4001 95.6 98.2 100.0 100.0 100.0 100.0 100.0 100.0 3001 95.6 98.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1001 98.2 99.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6F n I 97.5 98.2 00.1 99-2 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | noca. | 712180 | ZIMIT | ON NAME: | A NU E | HSEN AF | S GUAN | | | | | OF REC I: AUG | | (LST): | | |
|-----|-------------|-----------|-------------|------------|---------------|-------------|---------------|-------------|--------|---------------|---------------|---------------|------------------|---------------|---------------|---------------|--------|
| IL | Ing | ••••• | | ••••• | • • • • • • • | • • • • • | ••••• | visi | BILITY | IN STATE | UTE MIL | ES. | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• |
| IN | 1 | GΕ | 6E | 6 E | €E | 6E | GE | 6E | GE | GE | 6E | GE | GE | GΕ | Gξ | 6 E | GE |
| EE | 7 | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | (|
| ••• | • • • • • • | • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | |
| C | ETL 1 | | 41.5 | 41.5 | 41.5 | 41,5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 20 | 10000 | | 62.0 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 |
| | 80001 | | 63.8 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64 -1 | 64 - 1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64 - 1 |
| _ | PODDI | | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65. |
| - | 1000 | | 66.9 | 67.2 | 67.2 | 67,3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67. |
| 12 | 20001 | | 74.0 | 74.7 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74 • 9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74. |
| 10 | 1000 | | 81.9 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83. |
| • | 1000 | | 82.7 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83. |
| | 80001 | | 88.9 | 90.1 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90. |
| 7 | 70001 | | 88.9 | 90.1 | 90 • 1 | 90.3 | 90.3 | 90.4 | 90.4 | 90 -4 | 90 . 4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90. |
| • | 5000 l | | 89.8 | 91.0 | 91.0 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91. |
| • | 50001 | | 90.2 | 91.4 | 91.4 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91 |
| • | 15001 | | 90.5 | 91.7 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92 |
| | 10001 | | 91.8 | 93.1 | 93.2 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93 |
| - 3 | 35001 | | 92.4 | 93.7 | 93.8 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94 |
| : | 30001 | | 93.1 | 94.6 | 94.7 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95 |
| ; | 25001 | | 93.1 | 94.7 | 94 • 8 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95. |
| 7 | 20001 | | 93.7 | 95.3 | 95 . 4 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95 |
| - 1 | 18001 | | 93.7 | 95.3 | 95.4 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95 |
| - 1 | 15001 | | 94.4 | 96.1 | 96.2 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96 |
| 1 | 12001 | | 95.4 | 97.2 | 97 • 4 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98 |
| 1 | 10001 | | 95.7 | 97.7 | 98.1 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99 |
| | 9001 | | 95.7 | 97.7 | 98 - 1 | 98.9 | 98.9 | 99.6 | 99.6 | 99-6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99. |
| | 8001 | | 95.8 | 97.8 | 98 • 2 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |
| | 7001 | | 95.8 | 97.8 | 98 • 2 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |
| | 6001 | | 95.8 | 97.8 | 98 • 2 | 99.0 | 99.Q | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99, |
| | 5001 | | 95.8 | 97.8 | 98.2 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |
| | 4001 | | 95.8 | 97.8 | 98 . 2 | 99.0 | 99.D | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1 00 - |
| | 3001 | | 95.8 | 97.8 | 98 . 2 | 99.0 | 99. D | 99.8 | 99.8 | 99 .8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| | 2001 | | 95.8 | 97.8 | 98 • 2 | 99.0 | 99.0 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| | 1001 | | 95.8 | 97.8 | 98.2 | 99.0 | 9 9. D | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| | al | | 95.8 | 97.8 | 98.2 | 99.0 | 99.0 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100. |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| STATION NUMBER: | | | MBER: | 912180 | STATI | ON NAME: | A ND E | RSEN AFB | GUAM | | | | PERIOD MONTH | | CORD: 78-87 HOURS(LST): 0900-1100 | | | | |
|-----------------|------|-----|-----------|-------------|-------|----------|-----------|----------|------|-------|---------|------|-----------------|---------------|--------------------------------------|-------------|-------|--------|--|
| | LING | - | • • • • • | • • • • • • | ••••• | •••••• | • • • • • | ••••• | | | IN STAT | | ES | • • • • • • • | • • • • • • • | • • • • • • | ••••• | ••••• | |
| | N | 1 | GΕ | GΕ | GE | GE | GE | GE | GE | 6€ | G€ | GΕ | GΕ | GΕ | GE | ΘE | 39 | GE | |
| FE | ET | ı | 10 | 6 | 5 | | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 | |
| NO. | CEIL | | • • • • • | 37.4 | 37.4 | 37 . 4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | |
| G.K. | 2000 | o L | | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | |
| | LaCO | | | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | |
| | 1600 | | | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | |
| _ | 1400 | | | 69.0 | 69.0 | 69.D | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.D | 69.0 | |
| _ | 1200 | -: | | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 | 15.6 | 75.6 | 75 .6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | |
| GE | 1000 | 0 1 | | 82.7 | 83.2 | 83.3 | 83.3 | 8 3. 3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | |
| SE | 900 | ٥l | | 83.0 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 63.6 | |
| GΕ | 800 | 01 | | 87.8 | 88,9 | 89.4 | 89.4 | 8 9. 4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | |
| ŝΕ | 700 | -: | | 87.8 | 88.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | |
| GΕ | 600 | 0 | | 88.8 | 89.9 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90 • 3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | |
| GΕ | 500 | | | 89.1 | 90.4 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | |
| SE | 450 | | | 89.2 | 90.5 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | |
| 3E | 400 | | | 90.9 | 92.3 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92 08 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | |
| SΕ | 350 | | | 91.8 | 93.3 | 93.9 | 93.9 | 93.9 | 93.9 | 93,9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | |
| ĞΕ | 300 | 0) | | 93.0 | 94.5 | 95 • 1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | |
| 6E | 250 | 01 | | 93.0 | 94.5 | 95 - 1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | |
| GΕ | 200 | 01 | | 93.0 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| ĞΕ | 180 | o۱ | | 93.0 | 94.7 | 95 - 3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| ŝE | 150 | ١٥ | | 93.9 | 95.8 | 96.5 | 96.5 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | |
| GE | 120 | 01 | | 94.8 | 97.0 | 98 • 1 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98 • 5 | |
| GE | 100 | | | 95.2 | 97.3 | 98.4 | 98.5 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | |
| G€ | 90 | | | 95.2 | 97.3 | 98.4 | 98.5 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | |
| GE | 80 | 01 | | 95.2 | 97.3 | 98.4 | 98.5 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | |
| ŝ€ | 70 | | | 95.2 | 97.3 | 98.4 | 98.5 | 98.5 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | |
| ĢΕ | 60 | 0) | | 95.3 | 97.4 | 98 • 5 | 98.6 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | |
| GΕ | 50 | | | 95.4 | 97.5 | 98.7 | 98.8 | 98.8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | |
| GΕ | 40 | | | 95.4 | 97.6 | 98.8 | 98.9 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | |
| GΕ | 30 | -, | | 95.4 | 97.6 | 98.8 | 98.9 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | |
| GE | 20 | | | 95.4 | 97.6 | 98 - 8 | 98.9 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | |
| GE | 10 | 01 | | 95.4 | 97.6 | 98.8 | 98.9 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | |
| 6E | | ٥l | | 95.4 | 97.6 | 98.8 | 98.9 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: AUG HOURS (LST): 1200-1400 VISIBILITY IN STATUTE MILES CE IL ING Œ GE GE 1 1/2 1 1/4 6E 2 GF GE IN FEET 3 2 1/2 5 1/4 6 3/4 5/8 1/2 5/16 GE 200001 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 GE 180001 GE 160001 62.9 62.9 64.0 62.9 62.9 62.9 62.9 64.0 62.9 64.0 62.8 62.9 62.9 62.9 62.9 62.9 62.9 64.0 63.9 64.0 64.0 64.0 64.0 140001 67.8 67.8 67.8 67.8 GE 120001 74.4 74.6 74 . 7 74.7 78.7 74.7 74.7 74.7 6E 100001 82.3 82.3 82.4 82.3 82.4 81.8 82.2 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.4 87.8 87.8 82.3 87.7 87.7 82.4 90001 81.9 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 6F 88.0 88.0 88.1 88.5 88.0 88.0 88.0 88.0 88.0 88.0 88.0 70001 B7.3 88.1 88.1 88 .1 88 .5 6E 88.1 88.1 88.1 88.1 88.1 88.1 88.1 10000 88.2 88.3 88.5 88.5 ĢΕ 88.9 89.2 91.6 88.9 89.2 91.6 88.9 89.2 91.6 88.9 89.2 91.6 92.7 50001 45001 88.2 88.6 88 . 7 88.9 88.9 88.9 88.9 89.2 91.6 88.9 88.9 89.0 91.3 89.2 91.6 92.7 89.2 91.6 92.7 89.2 91.6 92.7 89.2 91.6 89.2 89.2 91.6 6F 40001 90.9 91.6 GE 90.1 35001 91.1 91.6 92.4 92.7 92.7 92.7 92.9 30001 91.9 93.5 94.1 94.1 94.1 94.1 94.1 94 . 1 94.1 94.1 94 .1 94 .2 94 .4 96 .5 94.1 94.2 94.4 96.6 94 •1 94 •2 94.1 94.1 94.2 94.4 GE GE 25001 91.9 92.0 92.9 93.5 93.7 94.1 94 - 1 94.1 94.2 94.1 94.1 94.1 94.1 94.2 94.2 94.Z 94.4 94.2 94.2 20001 94.2 94.2 93.2 94.4 94.4 GE 18001 92.3 93.9 94.4 94.4 GE 93.7 95.9 96.5 96.6 96.6 15001 96.6 96.6 96.6 96.6 1200 98.0 98.5 98.6 98.8 10001 94.2 96.2 97.5 98.4 98.5 98.7 98.9 99.0 99.2 99.2 99.0 99.0 99.4 99.5 99.5 99.6 99.6 99.6 99.6 99.6 99.8 99.9 GE 9001 94.3 96.3 97.6 97.7 99.1 99.1 99.4 99.5 99.6 99.7 99.7 99.7 99.7 8001 GE GE 98.8 99.4 99.9 700 94.3 96.5 97.7 98.7 99.4 99.8 100.0 100.0 100.0 100.0 98.8 99.9 6001 94.3 96.5 97.7 98.7 99.2 100.0 100.0 100.0 100.0 97.7 98.7 99.9 GΕ 5001 94.3 96.5 98.8 99.2 99.2 99.2 99.2 99.4 99.4 99.8 99.9 100.0 100.0 100.0 100.0 98 • 7 98 • 7 99.4 99.4 99.4 96.5 97.7 98.8 99.4 99.9 99.9 99.9 99.9 94.3 99.8 100.0 100.0 GE GE 4001 100.0 100.0 3001 94.3 100.0 100.0 97.7 98.7 98.8 100.0 200 96.5 100.0 100.0 100.0 ĢE 1001 96.5 97.7 96.8 99.2 99.4 99.9 100.0 100.0 100.0 100.0 99.2 96.5 97.7 98.7 98.8 99.4 99.8 99.9 99.9 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 930

(.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87

HONTH: AUG HOURS(LST): 1500-1700

| | | | | | | | | | | | | ROWIN | | | (2311 | | UU |
|------|---------------|-----------|---------------|-------|---------------|---------------|-----------------|----------------|--------|-----------------|---------------|---------------|---------------|-----------------|-------|---------------|----------|
| | | | • • • • • • • | ••••• | | | | | | • • • • • • • • | | | • • • • • • • | • • • • • • • | | | ******** |
| CE I | LIN6 | | | | | | | AISI | BILITY | IN STAT | UTE MILI | ES | | | | | |
| 1 | N I | GΕ | 6E | 6E | GΕ | 68 | GE. | 6 E | 6E | 6 E | GE | 6 E | GE | GE | GE | GE | GE |
| FE | ET Î | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| | - | | · | - | . • | | | . . | | | | | 3,0 | 1,5 | 3710 | | - |
| ••• | • • • • • • • | • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | | | | • • • • • • • | • • • • • • • | | • • • • • • • • | ••••• | • • • • • • | |
| | | | | | | | | | | | | | | | | | |
| NO | CEIL 1 | | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| | | | | | | | | | | | | | | | | | |
| GF | 200001 | - 1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| | 180001 | .1 | 60.4 | 60.4 | 60.4 | 60.4 | 6 D. 4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| | 160001 | | 62.D | 62.0 | 62.0 | | | 62.0 | | | | | | | | 62.0 | 62.0 |
| | | • 1 | | | | 62.0 | 62.D | | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | | |
| | 140001 | • 1 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 6E | 120001 | • 1 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75 • 1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| | | | | | | | | | | | | | | | | | |
| GE | 100001 | • 1 | 83.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE | 90001 | • 1 | g3.9 | 84.2 | 84 - 2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| 6E | 80001 | | | | | | | | | | | | | | | | |
| | | • 1 | 88.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GΕ | 70001 | • 1 | 89.0 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE | 60001 | • 1 | 89.8 | 90.2 | 90 • 2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| | | | | | | | | | | | | | | | | | |
| GE | 50001 | . 1 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE | 45001 | i | 90.5 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| | | | | | | | | | | | | | | | | | |
| GΕ | 40001 | • 1 | 92.5 | 93.1 | 93.2 | 93,4 | 9 3. 4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE | 35001 | • 1 | 92.8 | 93.4 | 93.7 | 93.9 | 93.9 | 94.1 | 94.1 | 94 - 1 | 94 • 1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE | 30001 | . 1 | 93.2 | 94.1 | 94.3 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| | | | | | | | | | | | | | | | | | |
| GE | 25001 | • 1 | 93.2 | 94.1 | 94 . 4 | 94.8 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE | 20001 | i | 93.2 | 94.2 | 94.5 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| | | | | | | | | | | | | | | | | | |
| GE | 18001 | • 1 | 93.2 | 94.2 | 94.5 | 95.1 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE | 15001 | - 1 | 94.0 | 95.2 | 95.6 | 96.1 | 96.1 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96 • 6 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE | 12001 | - 1 | 94.7 | 95.9 | 96.7 | 97.3 | 97.3 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| | | | | | | | | | | | | | | | | | |
| GE | 10001 | . 1 | 95.2 | 96.5 | 97.5 | 98.4 | 98.4 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE | 9001 | . 1 | 95.2 | 96.6 | 97.6 | 98.5 | 98.5 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| _ | | | | | | | | | | | | | | | | | |
| GE | 6001 | • 1 | 95.3 | 96.7 | 97.7 | 98.6 | 98.6 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6E | 700 | . 1 | 95.3 | 96.7 | 97.7 | 98.6 | 98.6 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | 6001 | • 1 | 95.4 | 96.8 | 97.8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | | | | | | | | | | | | | | • | | |
| GE | 5001 | . 1 | 95.4 | 96.8 | 97.8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99:9 |
| | 4001 | i | 95.4 | | | | | | | | | 99.8 | | 100.0 | | | |
| 6E | | | | 96.8 | 97.8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99 • 8 | | 99.8 | | 100-0 | 100.0 | 100.0 |
| GE | 300 | • 1 | 95.4 | 96.8 | 97.8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2001 | • 1 | 95.4 | 96.8 | 97.8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GΕ | 1601 | . 1 | 95.4 | 96.8 | 97 - 8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | • | | | | | | | | | | | | | | |
| GΕ | 01 | . 1 | 95.4 | 96.8 | 97.8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| U. | ٠, | • • | ,,,, | ,,,, | ,,,, | 7011 | 70, 1 | 77.4 | ,,,, | 77.00 | ,,,, | 77.0 | ,,.0 | 100.40 | *00.0 | 100.0 | |
| ••• | • • • • • • • | • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • • | • • • • • • • | | • • • • • • • • | * • • • • • • | • • • • • • • | • • • • • • • | | ••••• | • • • • • • • | ••••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | TION | NU | 1BER: | 912180 | STATI | ON NAME: | ANDE | ERSEN AFE | GUAM | | | | | | ORD: 78 | | | | |
|-----|-------|---------|-------|---------------|--------------|------------------|-------------|--------------|-------|--------|-----------------|---------------|---------------|---------------|-------------|--------|--------------|--------|---|
| ••• | | • • • • | | | | ••••• | | | | | | | HONTH | | | (LST): | - | 000 | |
| | LING | | | | | | | | VISI | BILITY | IN STAT | UTE HIL | ES | | | | | | |
| | N | 1 | 6E | ΘE | 6 E | 6E | GE | GE | 3 B | 6E | 6 E | GE | GE | GE | GE | GE | GE | GE | |
| | ET | i | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | G | |
| ••• | •••• | • • • • | | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• | ••••• | ••••• | • • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • | ••••• | • |
| NO | CEIL | i | | 38.3 | 38.3 | 38 - 3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38 • 3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | |
| 6E | 20000 | 01 | | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | |
| SΕ | 18000 | ic | | 64.2 | 64.2 | 64 - 2 | 64.2 | 64.2 | 64.2 | 64.2 | 64 .2 | 64.2 | 64.2 | 64.2 | 64 . Z | 64.2 | 64.2 | 64.2 | |
| | 16000 | | | 64.7 | 64.7 | 64 • 7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | |
| ŝΕ | 14000 | ٥İ | | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 66.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | |
| GΕ | 12000 | DÍ | | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | |
| ~ E | 10000 | | | 84.3 | 84.4 | 84 . 4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84 • 5 | |
| SE. | 9000 | | | 85.8 | | | | | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | | 86.0 | |
| ЭE | 8000 | | , | 90.9 | 85.9 91.0 | 85.9 | 86.0 | 86.0 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 86.D 91.2 | 91.2 | |
| žΕ | 7000 | | •1 | 91.2 | 91.3 | 91 • 1 91 • 4 | 91.2 | 91.5 | | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | |
| δĚ | 6000 | | ii | 91.8 | 91.9 | 92.0 | 92.2 | 92.2 | 91.5 | 92.2 | 92.2 | | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | |
| ,, | 8080 | J [| •• | 71.0 | 71.7 | 72.0 | 72.12 | 7212 | 72.2 | 72.2 | 72,2 | 92.2 | 72.02 | 42.2 | 72.2 | 72.2 | 72.2 | 72.6 | |
| E | 5000 | 10 | • 1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | |
| ε | 4500 | | . 1 | 92.5 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | |
| Ε | 9000 | D I | • 1 | 93.2 | 93.5 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94 . D | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | |
| iΕ | 3500 | | . 1 | 93.9 | 94.3 | 94 . 6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94 . 8 | 94.8 | 94.8 | 94.8 | |
| Ē | 3000 | | . 1 | 94.6 | 95.1 | 95 . 5 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95,9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| _ | | | | | | | | | | | | | | | | | | | |
| ĢΕ | 2500 | | • 1 | 94.6 | 95.1 | 95 • 5 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| Œ | 2000 | | - 1 | 94.8 | 95.4 | 95.8 | 96.1 | 96.1 | 96.3 | 96 • 3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | |
| šΕ | 1900 | | • 1 | 94.8 | 95.4 | 95.8 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | |
| 3E | 1500 | 01 | • 1 | 95.2 | 95.8 | 96.2 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96 • 9 | 96.9 | 96.9 | 96.9 | |
| Ε | 1200 | 01 | - 1 | 95.5 | 96.2 | 96.9 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | |
| Ε | 1000 | D I | . 1 | 96.2 | 97.0 | 98.0 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| Ē | 980 | | • 1 | 96.2 | 97.0 | 98 • D | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| Ē | 800 | | • 1 | 96.3 | 97.1 | 98.1 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| Ē | 700 | | • 1 | 96.3 | 97.1 | 98.1 | 98 .8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| Ē | 601 | | . i | 96.3 | 97.1 | 98 • 1 | 98 • 8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| _ | | | | | | | | | | | | | | | | | | | |
| Ε | 500 | | • 1 | 96.5 | 97.3 | 98.3 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | |
| įΕ | 9.01 | | • 1 | 96.7 | 97.5 | 98.5 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100-0 | |
| iΕ | 301 | | • 1 | 96.7 | 97.5 | 98.5 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| E | 200 | | • 1 | 96.7 | 97.5 | 98.5 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| èΕ | 100 | וס | • 1 | 96.7 | 97.5 | 98.5 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| ŝΕ | 1 | o f | • 1 | 96.7 | 97.5 | 98.5 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | • | - • | • • | | ,,,, | | | 770 C | | | - | | ,,,,, | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

100.0

100.0

100.0

100.0

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HOURS(LST): 2100-2300

100.0

100.0

100.0

100.0

100.0

100.0

MONTH: AUG

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

99.8

99.8

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99. B

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99.6 99.6

99 • 6

99.6

99.6

. CEILING VISIBILITY IN STATUTE MILES GE 1 1/2 GF 6£ GE GΕ SE GF GF GE FEET ! 1 1/4 _5 1/4 Õ 10 5 3 2 1/2 4 1 3/4 5/8 1/2 5/16 NO CEIL I 41.5 41.5 41.5 64.9 67.4 68.0 64.9 67.4 68.0 GE 200001 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 67.4 68.0 64.9 64.9 67.4 68.0 70.0 67.4 68.0 70.0 67.4 68.0 70.0 180001 67.4 68.0 67.4 67.4 68.n 67.4 67.4 67.4 67.4 68.0 67.4 67.4 GE GE 14000 70.0 70.0 77.7 70.0 70.0 70.0 70.0 70.0 70.0 71.1 70.0 70.0 GF 120001 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 84.4 85.4 91.9 84.4 85.4 91.9 GE 100001 84.4 84.4 84.4 84.4 84.4 85.4 84.4 85.4 84.4 84 .4 85 .4 84.4 84.4 84.4 84.4 85.4 91.9 85.4 91.9 85.4 85.4 85.4 91.9 GE 90001 85.3 91.7 85.4 91.9 85.4 91.9 GE 91.9 91.9 91.9 91.9 91.9 GE 7000 l 91.7 91.9 91.9 91.9 91.9 93.0 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 93.0 92.8 93.0 93.0 GΕ 60001 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 GE 93.2 93.2 50001 92.9 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.9 93.2 93.9 93.2 93.9 93.2 GE 45001 93.4 93.9 93.9 93.9 94.3 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 40001 94.3 94.3 94.3 95.6 97.4 94.3 95.6 94.3 94.3 GE 94.3 94.3 95.6 97.4 95.6 95.6 95.6 GE GE 35001 95.6 95.6 95.6 95.6 30001 95.7 96.9 97.3 97.4 97.4 97.4 97.6 97.6 97.6 97.6 97.6 97.7 GE 25001 95,9 97.1 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.2 97.2 97.6 96.0 97.6 97.6 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 GF 20001 1800 97.7 98.2 GE 15001 96.2 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 GΕ 1200 96.8 98.3 99.1 99.2 99.2 99.4 99.4 00.4 GE 10001 97.2 98.7 99.6 99.6 99.6 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.7 99.9 99.9 99.8 97.2 97.2 99.8 99.8 99.9 99.8 99.8 99.9 98.7 99.7 99.9 99.8 99.8 99.9 6001 99.8 99.9 GE GE 00.0

99.9

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99.9

99.9 99.9

99.9

99.9

TOTAL NUMBER OF OBSERVATIONS:

97.2

97.2

97.2

97.2

97.2

97.2

98.7

98.7 98.7

98.7

98.7

98.7

7001

600

5001

4001

3001

200

1001

οl

GE

GΕ

GE

GE

6E

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | ATION | NU | MBER: | 912180 | STATI | ON NAME: | ANDE | ERSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | -87 | | | |
|-----|-----------|-----|-------------|---------------|-------------|---------------|-----------|---------------------|-------------|--------|---------|-------------|-------------|---------------|---|---------------|---------------|---------------|-------|
| | | | | | | | | | | | | | HONTH | : AUG | HOURS | (LST): | ALL | | |
| | ILING | | • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • | • • • • • • • • • • | | | IN STAT | | | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • |
| | IN | ı | GE | GE | 68 | GE | 6 E | 6E | GE | GE GE | GE NI | 6E | 6E | Gε | 8E | GE | GE | GE | |
| | EE T | · | 10 | 6 | 5 | 4 | | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 95 | |
| | | ٠ | | | | | | | _ | | | | | | | 3710 | 1/7 | | |
| | • • • • • | | | | | | | | | | | | | | • | | | | • • • |
| NO | CEIL | 1 | | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38 -8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | |
| GE | 20000 | 01 | • 0 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | |
| GE | 18006 | 01 | .0 | 63.9 | 64.0 | 64 - D | 64 .D | 64.D | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | |
| GΕ | 16001 | ρİ | .0 | 64.7 | 64.7 | 64.7 | 64 . 7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64 • 7 | |
| GE | 14000 | Ō١ | .0 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | |
| GE | 12000 | 0 (| .0 | 75.4 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75 - 8 | 75 .8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.B | 75.8 | 75.8 | |
| | | | | | | | | • - | | , | | | | | | | | | |
| G€ | 10000 | 01 | • 0 | 82.8 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 63.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | |
| G€ | 9081 | 01 | • B | 83.6 | 84.0 | 84 • 1 | 84 . 2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84 . 2 | |
| GE | 8000 | 01 | .0 | 89.4 | 90.1 | 90 • 2 | 90.2 | 90.2 | 90.2 | 90.2 | 90 - 2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | |
| GE | 7000 | 01 | • 0 | 89.5 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | |
| GE | 6000 | D (| • 0 | 90.2 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | |
| | | | | | | | | | | • | | | | | | | _ | _ | |
| GΕ | 5000 | ום | • 0 | 90.5 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | |
| 6E | 4500 | 0 | .0 | 90.9 | 91.7 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | |
| GΣ | 4000 | | •0 | 92.1 | 93.0 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | |
| ĢΕ | 3500 | o I | •0 | 92.9 | 93.8 | 94 • Ï | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| GE | 3000 | 10 | • 0 | 93.9 | 95.1 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | |
| | | | | | | | | | | | | | | | | | | | |
| GE | 25 D | | •0 | 93.9 | 95.1 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95,7 | 95.7 | 95 • 7 | |
| GE | 2008 | 01 | .0 | 94.1 | 95.4 | 95.8 | 96.0 | 96.D | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | |
| GE | 1800 | ום | • 8 | 94.2 | 95.5 | 95 • 8 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | |
| GΕ | 1500 | | .0 | 94.8 | 96.3 | 96.7 | 97.0 | 97.D | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | |
| GΕ | 1200 | 01 | • 0 | 95.5 | 97.1 | 97.7 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98 • 6 | |
| | | | | | | | | | | | | | | | | | | | |
| GE | 1000 | - | • 0 | 95.8 | 97.5 | 98 • 3 | 98.9 | 98.9 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE | 900 | | • 0 | 95.8 | 97.5 | 98.3 | 98.9 | 99.0 | 99.3 | 99.4 | 59.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE | 800 | - | • 🗅 | 95.8 | 97.5 | 98.3 | 99.0 | 99.D | 99.4 | 99.5 | 99.5 | 99 • 6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GΕ | 700 | | • 0 | 95.8 | 97.5 | 98.3 | 99.0 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GE | 601 | ום | • 0 | 95.8 | 97.6 | 98 • 4 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE | 500 | 01 | •0 | 95.9 | 97.6 | 98.4 | 99.1 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 900 | | •0 | 95.9 | 97.6 | 98 • 5 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GΕ | 300 | | ĕ | 95.9 | 97.6 | 98.5 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 200 | - • | .0 | 95.9 | 97.6 | 98.5 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 100 | | .0 | 95.9 | 97.6 | 98 • 5 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | |
| | | -• | • • | | | 70 • 3 | ,,,, | 7702 | ,,,, | ,, | ,,.0 | ,,,,, | 7747 | 77.7 | .00.0 | 100.0 | 100.0 | 100.0 | |
| GE | í | 10 | •0 | 95.9 | 97.6 | 98.5 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| • • | • • • • • | ••• | • • • • • • | ***** | • • • • • • | •••••• | | | • • • • • • | | | • • • • • • | • • • • • • | • • • • • • | | • • • • • • • | | | • • • |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM HONTH: SEP HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES CEILING GΕ GE GE GE GE IN I GE GE GE 6 F GE GE GE 2 1 1/2 1 1/4 GE 5/8 5 3 2 1/2 1/2 5/16 a NO CEIL I 48.9 49.0 49.0 49.0 49.0 40.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 6E 200001 67.8 68.1 68.1 68.1 68.1 68.1 68.1 69 -1 68.1 68.1 68.1 68.1 68.1 68.1 68.1 GE 18000| 68.7 68.7 69.8 68.7 68.7 68.7 68.3 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 69.8 GE 160001 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 GE 140001 73.1 73.7 73·7 79·8 73.7 79.9 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 79.9 GE 120001 79.9 GE 100001 84.0 84.1 84.1 84.1 84.0 84.1 84.1 84.1 84.1 84 -1 84.1 84.1 GF 90001 83.6 84.3 84 . 3 84.4 84.4 84.4 84.4 84.4 84.4 88.9 84.4 84.4 84.4 84.4 84.4 84.4 88.9 88.9 88 . 8 88.9 70001 88.9 88.9 88.9 60001 86.9 GΕ 87.8 88.8 88.8 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 GE 50001 89.8 89.9 99. 89.9 89.9 89.9 90.4 88.7 89.8 89.9 89.9 89.9 89.9 89.9 89.9 89.9 90.4 90.3 90.3 92.1 90.4 90.4 90.4 90.4 90.4 45001 89.2 90.4 90.4 90.4 90.4 90.4 92.2 92.2 92.2 93.3 GF 40001 92. Z 92.2 92.2 92.2 92.2 35001 93.1 93.2 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 30001 95.6 GE 25001 94.0 95.2 95.4 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95 • 6 96.1 96.1 97.3 96.1 96.1 97.4 95.7 95.7 95.9 95.9 96 • 1 96 • 1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 GE 20001 94.4 96.1 96.1 96 .1 96.1 97.4 18001 94.4 96 -1 96 · 1 97 · 4 97.4 15001 95.1 96.4 96.8 97.3 97.4 97.4 97.4 97.4 97.8 98.9 98.9 98.9 98.9 12001 96.0 98.2 98.8 98.8 98.9 98.9 98.9 98.9 98.9 GΕ 10001 99.8 99.8 99.8 99.4 99.8 96.3 98.1 98 . 6 99.2 99.2 99.4 99.8 99.8 99.8 99.8 98.1 98.6 99.2 99.2 99.4 9001 99.4 99.8 99.8 99.8 99.8 100.0 100.0 100.0 100.n GΕ 96.3 100.0 100.0 100.0 100.0 7001 100.0 100.0 100.0 100.0 100.0 96.3 100.0 100.0 100.0 GE 6001 98.1 98.7 99.3 99.3 99.7 99.7 100.0 100.0 100.0 103.0 100.0 100.0 100.0 100.0 98.1 98.1 99.3 GΕ 5001 96.3 98.7 99.3 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GĒ 99.7 98.7 99.3 99.3 96.3 99•7 99•7 100.0 100.0 100.0 100.0 4001 100-0 100.0 100.0 GE GE 3001 96.3 98.1 98.7 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 200 100.0 100.0 96.3 98.1 98.7 99.3 99.3 99.7 99.7 200.0 100.D 100.0 100-0 100.0 100.0 98.1 100.0 100.0 100.0 99.3 GE 01 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 96.3 98.1 98.7 99.3 99.7

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC.

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: SEP HOURS(LST): 0300-0500 CF IL ING VISIBILITY IN STATUTE MILES GE 5/8 GE GE GE 2 1 1/2 GE 5/16 GE 0 GE FÉET 3 2 1/2 1 1/4 NO CEIL | 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 6F 200001 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 180001 67.7 67.7 67.7 67.7 68.6 67.7 67.7 67.7 68.6 67.7 67.7 67.7 67.7 67.7 68.6 67.7 67.7 67.7 68.6 72.2 77.6 16000 68.6 68.6 68.6 68.6 68.6 68.6 68 - 6 72.2 72.2 77.6 140001 72.2 72.2 72.2 72.2 72.2 77.4 GE 12000 77.6 77.6 77.6 77 .6 77.6 77.6 77.6 77.6 GE 100001 82.8 83.0 83.0 83.0 83.0 8 3. D 83.0 83.0 83.0 83.1 83.0 83.0 83.1 83.0 83.0 83.0 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 89.3 90001 82.9 83.1 89.3 89.3 89.3 89.3 89.3 89.3 GF ADDOL 89.0 89.3 89.3 89.3 89.3 89.3 89.3 70001 89.0 89.3 89.3 89.3 89.3 89.3 89.3 89.3 6000 89.4 50001 90.3 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 92.1 93.6 95.3 90.3 90.7 90.7 92.1 90.7 90.7 90.7 92.1 90.7 90.7 90.7 90.7 92.1 90.7 45001 90.7 90.7 90.7 40001 92.1 92.1 GΕ 92.1 93.6 35 pp 1 30001 93.4 93.6 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.8 96.2 95.8 96.2 GF 95.1 95.3 95.8 95.A 95.A 95.8 25001 95.7 95.8 95.8 95.8 95.8 95.8 95.8 95 - 8 96.0 96.0 96.9 96.2 96.2 97.4 96.2 96.2 97.4 96.2 96.2 96.2 20001 96.2 96.2 96.2 96 .2 96.2 96.2 96.2 18001 96.2 97.1 96.2 97.6 96.2 97.6 96 .2 96.2 95.3 96.2 96.2 96.2 96.2 95.8 97.6 97.6 GE GE 97.6 97.6 97.6 1200 98.6 99.4 10001 97.7 99.3 99.4 99.4 96.2 96.2 97.7 98.3 98.3 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE 9001 99.4 8001 99.4 GE 97.7 99.4 99.6 GE 6001 96.2 97.7 98.3 99.1 99.1 99.3 99.4 99.6 99.6 99.6 GE 5001 96.6 98.0 98.7 99.6 99.8 99.8 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.8 99.9 4001 96.6 98.0 98.7 99.6 99.6 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 3001 98.0 98.7 99.6 99.6 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 2001 98.0 98.7 99.6 99.6 99.8 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.0 100.0 100.0 100.0 98.7 99.6 100.0

99.8

99.8

99.6

TOTAL NUMBER OF OBSERVATIONS: 900

98.0

98.7

99.6

01

C.

C

0

C

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0

99.9 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: SEP HOURS(LST): 0600-0800 CEILING VISIBILITY IN STATUTE HILES IN | GE FEET | 10 SΕ GE GΕ GE GE 6 5 3 2 1/2 2 1 1/2 1 1/4 NO CETL I 49.2 49.4 49.4 49.4 49.4 49.4 49.4 49.4 49.4 49.4 49.4 6E 200001 68.8 68.8 69.8 70.9 73.7 68.8 69.8 70.9 73.7 68.8 69.8 70.9 73.7 68.8 69.8 70.9 73.7 68.8 68.8 68.8 68.8 68.8 68.8 68.8 69.8 69.8 69.8 69.8 69.8 6E 180001 69.6 69.8 70.9 73.7 69·8 70.9 69.8 79.9 44.94 GE 16000 70.6 70.9 73.7 70.9 73.7 GE 140001 73.7 GE 120001 77.4 77.9 GE 100001 81.1 81.6 81.7 A1 .7 81.7 81.7 81.7 81.7 81.7 81.8 89.2 81.7 81.7 10008 81.2 81.7 81.8 81.8 81.8 81.8 81.8 81.8 81.8 89.2 81.8 89.2 81.8 81.8 89.2 81.8 89.2 6E 89.1 89.2 89.2 89.2 GΕ 70001 89 . 6 89.6 89.6 89 .6 A . . . 89.6 6E 600001 88.9 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 GE 50001 89.1 90.1 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90 • 2 90 • 2 90.2 GE 45001 90.8 90.1 90.2 90.2 91.9 90.2 90.2 91.9 90.2 90 • Z 91 • 9 90.2 90.2 90.2 91.9 90.2 90.2 91.9 90.2 GE 40001 91.9 35001 93.3 93.4 GE 92.2 ĞĒ 30001 94.9 94.9 GE 25001 93.9 95.3 95.2 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.7 95.7 96.4 GE GE 2000 94.2 95,6 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 18001 95.7 96.6 95.7 95.7 96.7 95.7 95.7 95.7 G€ GE 1500 96.6 96.7 96.7 96.7 96.7 12001 95.2 97.4 98.3 98.6 98.6 98.6 98.6 GE 10001 95,2 97.8 99.0 97. A. 80 98.6 98.8 98.9 98.9 99.1 99.1 95.2 97.8 97.9 98.6 98.7 98.7 GE 9001 97.4 98.9 99.1 99.1 98.6 98.7 98.7 98.8 99.0 99.0 98.9 99.1 99.1 99.0 99.1 99.3 99.1 99.3 99.1 99.3 99.1 99.3 99.1 99.1 99.3 99.3 GF 8001 99.2 7001 97.6 97.9 99.3 99.3 99.3 99.0 GF 6001 99.3 99.3 GF 5001 95.3 97.6 97.9 98.8 98.8 99.3 99.4 99.4 99.6 99.8 99.8 99.9 99.9 99.9 99.9 99.9 GE 4001 97.6 97.6 97.9 97.9 98.8 98.8 98.8 98.8 99.3 99.4 99.4 99.4 99.6 99.8 99.8 99.8 99.8 99.8 95.3 99.9 SE 3001 99.9 99.9 99.9 99.9 99.9 97.6 GE 2001 95.3 98.8 98.8 99.3 99.4 99.9 98.8 99.3 99.8 100.0 100.0 100.0 01 97.9 98.8 9 8. A 99.3 99.4 99.4 99.6 99.8 99.8 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 90

900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HONTH: SEP HOURS(LST): 0900-1100 VISIBILITY IN STATUTE HILES GE GE GE 2 1 1/2 1 1/4 GE 6E GE 6 E Œ 6E 6E GE GE FEET 10 3 2 1/2 3/4 5/8 1/2 5/16 1/4 0 NO CEIL I 45.2 45.3 45.3 45.3 45.3 45.3 45.3 45.3 6F 200001 68.2 68.4 68.4 70.4 71.9 68.4 68.4 68.4 68.4 68.4 68.4 70.4 71.9 75.0 70.2 71.7 70.4 71.9 70.4 70.4 71.9 70.4 70.4 71.9 70.4 71.9 70.4 71.9 70.4 71.9 180001 70.4 70.4 70.4 70.4 71.9 71.9 75.0 140001 75.0 75.0 75.0 75.0 75.0 120001 80.4 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 GE 100001 83.9 83.9 88.9 A 3.3 83.9 81.9 81.9 83.9 83.9 83.9 83.9 83.9 90001 83.9 88.7 88.7 83.9 83.9 83.9 83.9 83.3 83.9 83.9 83.9 83.9 83.9 88.9 83.9 83.9 88.9 83.9 88.9 GΕ 88.9 88.9 88.9 88.9 88.9 88.9 70001 88.9 88 •9 89 •1 RR. 9 88.9 88.9 88.9 88.9 RR. 0 88.9 60001 89.1 89.1 GE 50001 89.7 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.0 89.9 90.0 92.2 93.4 89.9 A 0 . 9 89.9 89.0 91.1 89.8 92.0 93.0 93.9 90.0 92.2 93.3 90 •0 92 •2 90.0 92.2 90.0 92.2 90 •0 92 •2 90 • 0 92 • 2 90 · 0 92 · 2 90.0 92.2 90.0 92.2 93.4 90.0 92.2 93.4 90.0 92.2 93.4 GE 45001 90.0 40001 92.2 GE 35001 92.1 30001 ĞĘ 93.0 93.0 93.9 94.0 93.9 94.8 94.9 95.1 GE 25001 94.3 95.3 94.3 95.3 94.2 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 95.2 95.3 95.7 20001 95.3 95.4 95.9 95.3 95.4 95.9 95.3 95.3 95.3 95.3 95.3 95.4 95.3 95.3 95.4 95.3 95.4 GE 95.4 18001 95.4 95.4 95.4 95.4 95.4 1500 94.2 GE GE 96.0 98.3 96.0 96.0 98.3 96.0 98.3 96.0 98.3 96.1 96.1 96.1 12001 95.6 98.7 98.7 98.7 96.7 97.2 97.2 97.2 98.9 99.0 99.0 10001 98.2 98.3 98.3 98.9 99.0 99.0 98.9 99.0 99.0 99.0 99.3 99.3 99.3 99.3 99.0 99.0 99.1 99.1 99.1 GΕ 9001 95.7 95.7 99.0 99.1 99.1 99.1 99.1 99.4 99.4 99.4 8001 99.1 99.4 700 95.7 97.2 98.3 99.0 99.4 99.4 99.4 99.4 99.1 6001 95.8 98.6 5001 97.4 97.4 97.4 6E 95.8 98.7 98.7 98.7 99.3 99.4 99.4 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.6 99.6 99.9 99.9 99.9 99.4 400 l 95.8 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 100.0 100.0 100.0 100.0 GE GE 99.7 95.8 100.0 100.0 100.0 2001 97.4 98.7 95.8 99.4 99.4 99.4 99.6 99.6 99.6 99.7 99.7 100.0 100.0 100.0 100.0 GE 1001 100.0 100.0 100.0 100.0 GΕ o i 95.8 97.4 98.7 99.6 99.4 99.4 99.6 99.6 99.7 99.7 100.0 100.0 100.0 190.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 MONTH: SEP HOURS(LS STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM HOURS(LSTI: 1200-1400 VISIBILITY IN STATUTE MILES GE GE GE CEILING GΕ БĒ Œ GE Ge 6E 6F GE 2 1 1/2 1 1/4 1 10 3 2 1/2 5/8 1/2 5/16 1/4 ū NO CEIL I 40.0 4 D. D 40.0 40.0 40.0 40.0 40.0 40.0 40.0 40.C 40.0 40.0 40.0 40.0 40.0 68.0 69.7 71.0 68.0 69.7 71.0 68.0 69.7 71.0 68.0 69.7 71.0 200001 67.8 68.0 69.7 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 69.7 69.7 71.0 74:9 69.7 71.0 69.7 GE 180001 69.4 69.7 69.7 69.7 69.7 71.0 69.7 70.7 71.0 GE 140001 74.6 74.9 81.1 74.9 74.9 81.1 74.9 74.9 74.9 74.9 GE 120001 80.6 81.2 B1.2 81.1 81.2 81.2 81.2 81.2 81.2 81.1 81.2 81.2 85.4 85.6 87.8 85.4 85.6 87.8 85.6 85.7 87.9 85.6 85.7 87.9 85.6 85.7 87.9 85.6 85.7 87.9 85.6 85.7 87.9 85.6 85.7 87.9 85.6 85.7 87.9 85.6 GE GE 100001 85.4 85.4 85.6 85.6 85.6 84.9 85.6 87.8 85.7 87.9 90001 85.7 85.7 6F 80001 87 - 8 87.9 87.9 87.9 87.9 GE 70001 86.9 87.8 87.8 87.8 A7.9 87.9 87.9 87.9 87 . B A7.9 GΕ 60001 88.0 88.1 88.1 88.1 88.1 GE GE 88.9 88.9 89.0 89.0 89.0 89.0 89.0 89.0 5000 89.0 91.0 88.0 90.0 88.9 9D.9 88.9 90.9 88.9 88.9 90.9 89.0 91.0 89.0 91.0 89.0 91.0 89.0 91.0 45001 89.0 89.0 89.0 89.0 89.0 40001 91.0 91.0 91.0 91.0 91.0 92.1 92.1 35001 91.0 91.9 92.0 92.0 92.0 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 30001 93.0 93.1 93.1 GE 91.9 92.8 92.9 92.9 92.9 93.1 93.1 93.1 93.1 93.1 6E 25001 93.1 93.2 93.3 93.3 93.3 93.0 93.1 93.2 93.2 93.3 93.3 93.3 93.3 92.1 93.1 94.2 94.4 94.0 94.2 96.1 94.1 94.3 96.3 94.2 94.2 92.8 92.9 93.9 93.9 94.1 95.6 94 • 0 94 • 2 96 • 0 94.2 94.2 94.Z 94.4 GE 20001 93.8 94.1 94.1 94.2 94.0 95.3 94.3 94.3 94.4 GE 1800 96.6 96.6 96.6 15001 96.6 96.6 96.6 96.6 12001 95.2 95.3 95.3 6E 10001 98.8 98.8 98.9 99.1 99.1 99.1 99.1 96.9 98.2 98.7 98.9 98.9 97.4 98.3 99.1 99.2 99.3 99.2 99.3 99.4 97.0 97.0 97.6 97.6 98.4 98.6 99.0 99.1 99.2 99.3 99.2 99.4 99.4 99.4 99.4 GE 9001 8001 GE 7001 97.6 99.3 99.7 99.7 99.7 GE 6001 95.4 97.1 97.7 98.8 98.9 99.6 99.6 99.7 99.7 99.9 99.9 ... 99.4 99.4 99.4 99.6 99.6 99.6 97.7 97.7 99.7 99.7 99.8 100.0 100.0 6E 5001 95.4 97.1 98.8 98.9 99.6 99.8 100.0 100.0 95.4 97.1 99.8 98.8 100.0 GΕ 4001 99.6 99.6 100.0 100.0 3001 95.4 97.1 97.7 98.8 98.9 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 2001 95.4 97.1 97.7 98.8 98.9 99.6 99.7 100.0 100.0 100.0 100.0 100.0 100.0 98.9 97.7 100.0 01 97.7 99.8 100.0 100.0 GE 95.4 97.1 98.8 98.9 99.7 99.8 100.0 100.0 99.4 99.6 99.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DBS ERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: SEP HOURS (LST): 1500-1700 CEILING VISIBILITY IN STATUTE MILES 6E GE 3 2 1/2 GE GΕ GE TN 6E GΕ GE 6E GΕ SF G E 6E GE GE FEET ~10 5 3/4 5/8 o 6 1/4 1/2 5/16 NO CETL 1 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 GE 200001 67._D 67.3 67.3 67.2 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 69.6 70.3 75.3 69.8 70.7 75.7 69.9 7g.8 75.8 GE 180001 69.9 69.9 69.9 69.9 69.9 70.8 69.9 69.9 70.8 69.9 69.9 69.9 69.9 69.9 140001 75.8 75.8 75.8 75.8 75.8 75.8 75.8 81.0 6E 120 pg l 80.4 80.9 81.0 81.0 81.0 81.0 81.0 AL.O 81.0 81.0 81.0 81.0 81.0 81.0 GE 100001 85.3 85.3 85.3 85.8 85.8 89.9 84.8 85.2 85.3 85.3 85.3 85.3 85.3 85.3 85.8 85.3 45. T AS. T 85,8 89.9 89.9 85.7 89.8 89.8 85.8 85.8 85.8 85.8 85.8 85.8 89.9 89.9 85 . 8 85.8 85.8 GΕ 90001 85.2 85.8 89.9 89.9 GF 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 70001 89.9 89.9 89.9 89.2 89.9 89.9 89.9 GE 89.9 GΕ 90.3 90.3 92.3 90.2 90.3 90.3 90.3 GE 50001 89.7 90.3 90.3 90.3 93.3 90.3 90.3 90.3 90.3 90.3 90.3 92.3 93.6 90.3 92.3 93.6 89.7 90.2 90.3 92.3 90.3 90.3 92.3 90.3 90.3 90.3 92.3 90.3 90.3 90.3 GF 45001 90.3 40001 92.3 GE 35001 30001 93.6 93.6 93.6 93.3 94 . 6 94.6 94.6 94.6 94.8 95.4 95.6 95.1 95.8 95 • 1 95 • 8 95 • 9 95.8 95.8 95.9 95.1 95.8 95.9 95.1 95.1 95.8 95.9 93.8 95.1 95.1 95.1 95.1 95.1 95.8 GE 25001 95.1 95.1 95.8 95.9 95.8 95.8 95.8 GE 95.8 20001 95.8 95.9 95 · 8 95 · 9 94.3 GE 1800 f 1500 l 94.4 95.9 95.9 95.9 GE GE 94.8 96.0 96.4 96.6 96.6 96.6 96.6 98.6 96.6 96 · 6 98 · 6 96.6 96.6 96.6 96.6 12001 96.6 96.1 99.8 99.8 99.8 10001 98.4 99.1 99.1 99.1 99.6 99.7 99.8 96.6 99.4 99.4 99.8 GE 9001 8001 98.4 99.4 99.4 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 96.6 99.7 99.7 GΕ 7001 96.6 99.6 99.7 99.8 6F 6001 96.6 98.4 99.1 99.4 99.4 99.6 99.7 99.8 99.8 99.1 99.1 99.4 99.6 99.6 99.6 99.7 99.7 99.7 GF 5001 96.6 98.4 99.8 99.8 99.8 99.8 99.R 99.9 99.9 90.0 00.0 99.8 99.8 99.9 99.9 99.9 4001 3001 98.4 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.9 GE 96.6 100.0 ĞĒ 99.1 100.0 100.0 100.0 GE GE 200 | 100 | 96.6 98.4 99.1 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 100.0 100-0 100.0 100.0 96.6 99.8 100.0 98.4 99.1 99.6 99.4 100.0 100.0 GE 10 98.4 99.1 99.7 99.8 99.8 99.8 99.8 100.0 100.0 100.0 100.0 96.6 99.4 99.6 99.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: SEP HOURS(LST): 1800-2000 VISIBILITY IN STATUTE MILES CEILING GΕ GE GE GE 2 1 1/2 1 1/4 GE GΕ GE 38 0 FEET 10 5 3 2 1/2 1/9 1 3/4 5/8 1/2 5/16 47.3 47.3 47.3 47.3 47.3 47.3 47.3 47.3 47.3 47.3 GE 200001 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 SE 180001 71.9 71.9 71.9 73.7 71.9 71.9 71.9 71.9 71.9 73.7 71.9 73.7 71.9 71.9 73.7 71.9 73.7 73.7 77.1 73.7 73.7 77.1 83.9 77.1 77.1 77.1 83.9 6E 120001 83.8 83.3 83.9 83.9 83.9 83.9 83.9 83.9 83.9 87.1 87.9 87.1 87.1 87.1 GE 100001 86.3 87.0 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.9 91.3 87.9 87.9 87.9 90001 87.1 90.2 87.8 87.9 87.9 87.9 87.9 87.9 97.9 91.3 91.1 GΕ 80001 91.2 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 GΕ 7000 t 90.2 91.2 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 90.2 91.3 91.3 91.3 91.3 91.4 91.6 91.6 91.6 93.2 50001 90.4 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 93.2 94.0 91.6 93.2 94.0 91.6 93.2 94.0 GE GE 90.4 91.3 92.9 91.4 91.6 91 .6 93 .2 91.6 91.6 91.6 91.6 91.6 91.6 45001 40001 93.7 93.8 94.0 94.0 94.6 30000 92.9 94.1 94.6 94.6 94.6 94.6 94.6 94.6 94.6 95.0 94.4 94.8 94.8 95.0 GE 25001 93.2 94 . 7 95.0 95.D 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95.0 93.6 95.0 95.3 95.3 96.8 95.3 95.3 95.3 95.3 20001 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 18001 95.3 GE 95.3 95.3 95.9 96.9 94.2 96.2 96.8 96.8 96.8 96.8 96.8 98.7 96.9 96.9 96.8 96.8 96.9 12001 97.0 98.8 98.8 97.4 97.4 97.4 99.0 99.0 99.1 10001 95.6 98.0 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.3 99.3 99.3 99.3 99.2 99.3 99.3 95.6 95.6 98.0 98.0 99.1 99.2 99.2 99.3 99.2 99.2 99.3 99.2 99.3 99.3 99.4 GE 9001 99.2 99.3 99.3 99.3 99.3 99.3 8001 99.4 99.1 700 95.6 97.4 98.0 99.2 99.1 99.3 99.3 99.4 99.4 99.4 600 99. 95.6 97.4 98.0 6E 5001 95.6 99.4 99.7 99.7 99.7 99.8 99.9 99.9 99.9 99.9 97.6 98.1 99.6 99.7 99.7 99.7 99.7 99.7 99.8 4001 95.6 97.6 98.1 99.4 99.6 99.7 99.7 99.7 99.8 99.8 99.9 99.9 99.9 99.9 99.9 6E 3001 99.9 99.9 200 100.0 100.0 100.0 100.0 GE ot 97.6 98.2 99.6 99.7 99.8 99.8 99.8 99.8 99.9 00.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM HOURS(LST): 2100-2300 MONTH: SEP VISIBILITY IN STATUTE MILES CEILING 6E 6E 00 2 1 1/2 1 1/4 GΕ Œ GΕ 6 F GF GΕ GF FEET ī 10 3 2 1/2 3/4 5/8 1/4 ۵ 1/2 5/16 NO CEIL I 48.7 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49 .B GF 200001 68.1 68.7 68.8 68.8 68.8 68 • 8 69 • 6 70 • 7 68.8 68.8 68.8 68.8 68.8 68.8 68.8 68.8 68.8 69.6 70.7 73.9 68.9 70.0 73.1 69.6 70.7 73.9 69.6 69.6 70.7 73.9 69.6 70.7 73.9 69.6 69.6 69.6 70.7 73.9 6E 180001 69.4 69.6 69.6 69.6 69.6 70.7 73.9 70.6 73.8 140001 73.9 73.9 73.9 73.9 73.9 GE 120001 82.9 82.9 82.9 85.9 GE 100001 84.7 85.8 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 86.2 90.4 90.4 86.4 90.7 90.7 86.6 90.9 90.9 GE 90001 85.3 89.2 86.6 90.9 86.6 86.6 86.6 90.9 90.9 86.6 86.6 90.9 86.6 90.9 86.6 90.9 86.6 86.6 90.9 90.9 70001 89.2 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 60001 90.4 90.7 90.9 90.9 GΕ 90.9 90.9 00.0 90.9 90.8 90.8 92.7 93.6 91.2 91.2 93.1 GE 50001 45001 89.6 91.0 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 89.6 91.4 92.2 91.2 93.1 94.6 91.2 93.1 91.2 91.2 91.2 91·2 93·1 91.D 92.9 93.6 91.2 91.2 91.2 91.2 93.1 94.0 93.1 94.0 93.1 93.1 6E 40001 93.1 35001 94.D 94.0 94.0 94.0 94.8 94.D 95.2 94.0 94.0 30001 95.2 94.9 95.4 95.4 GE 250gl 95 - 1 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.7 95.7 96.1 96.1 97.0 96.1 20001 18001 93.7 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96 · 1 GE 96.1 96.1 96.1 96.1 GE 15001 97.1 97.1 97.1 98.3 12001 95.0 98.1 98.3 98.4 98.4 99.1 99.1 99.6 99.7 98.1 98.1 98.4 98.9 98.9 99.2 99.0 99.0 99.3 99.1 99.6 99.7 95.3 95.3 98.4 98.4 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 GE 10001 99.1 99.3 GE 99.1 99.6 99.7 99.3 9001 99.8 99.8 99.8 GE GE 8001 95.4 98.8 99.8 99.8 99.8 99.8 98.6 98.9 99.3 99.4 99.9 99.9 2001 95.6 99.9 99.9 600 İ 95.6 99.3 99.3 99.3 5001 98.6 98.9 99.4 99.4 99.4 99.9 99.9 99.9 95.6 4001 95.6 98.6 98.9 98.9 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 GE GE 99.9 99.9 99.9 9**9.**9 99.9 2001 99.7 99.7 99.7 99.9 99.9 99.9 1001 98.6 98 . 9 99.3 ... 99.7 99.7 99.9 99.9 100.0 100.0 GE 01 95.6 98.6 98.9 99.3 99.4 99.7 00.7 99.7 99.9 99.9 99.9 99.9 99.9 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

| STA | TION | NU | MBER : | 912180 | STATE | ON NAME: | A NO I | ERSEN AFB | GUAM | | | | PERIOD | | ORD: 7 | 8-87 S(LST): | ALL | |
|-----|---------|------------|-----------|---------------|-------|---------------|-----------|-----------------|-------------|--------|---------------|------------------|--------|---------------|---------------|-----------------|---------------|-------------------|
| | | | | • • • • • • • | | | • • • • • | | | | | | | - | | | | •••••• |
| | LING | | | | | | | | | BILITY | IN STAT | UTE MIL | ES | | | | | |
| 1 | | ı | G€ | 6E | 6E | 6 E | 6 E | Œ | 6£ | GΕ | GE | GE | GΕ | Gε | gΕ | GE | GE | GE |
| FE | | 1 | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 5 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| • • | •••• | ••• | • • • • • | • • • • • • • | ••••• | ••••• | •••• | • • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • • |
| 10 | CEIL | 1 | | 46.4 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| ìΕ | 2000 | 01 | | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.9 | 68.4 | 68.4 | 68.4 |
| | 1800 | | | 69.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| | 1600 | | | 70.6 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| | 1400 | | | 74.2 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| Ε | 1200 | 01 | | 80.1 | 80.5 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| E | 1000 | 01 | | 83.9 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| Ε | 900 | 01 | | 84.2 | 84.8 | 84 . 8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| Ε | 800 | 10 | | 88.6 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| E | 700 | 01 | | 88.6 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| E | 600 | o I | | 88.7 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| E | 500 | 0 [| | 89.3 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| Ε | 45 n | πİ | | 89.4 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| Ε | 400 | õi | | 91.2 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ε | 350 | 01 | | 92.2 | 93.2 | 93.3 | 93.4 | 93,4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| Ε | 300 | O į | | 93.2 | 94.3 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94 ,6 | 94.6 | 94 .6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ìΕ | 250 | 0 I | | 93.5 | 94.6 | 94 .8 | 95.0 | 95. D | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.8 | 95.0 | 95.0 | 95.0 |
| èΕ | 200 | | | 94.0 | 95.2 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| Ē | 180 | | | 94.1 | 95.2 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| iΕ | 150 | | | 94.6 | 95.9 | 96.3 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96 . 8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ε | 120 | 01 | | 95.5 | 97.2 | 97.6 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| E | 100 | a 1 | | 95.8 | 97.7 | 98.2 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| iΕ | 90 | - • | | 95.8 | 97.7 | 98.3 | 99.0 | 9 9. 0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| Ē | 80 | | | 95.8 | 97.7 | 98.3 | 99.1 | 99.1 | 99.3 | 99.4 | 90.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| iΕ | 70 | | | 95.8 | 97.8 | 98.3 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ε | 60 | | | 95.8 | 97.8 | 98.4 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| Ε | 50 | n I | | 95.9 | 97.8 | 98.5 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | | | |
| ε | *0 | | | 95.9 | 97.8 | 98.5 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | | 99.8 | | | 99.9 | 99.9 | 99.9 |
| Ē | 30 | | | 95.9 | 97.6 | 98.5 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99 • 8 99 • 8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| Ē | 20 | | | 95.9 | 97.8 | 98.5 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| E | 10 | | | 95.9 | 97.8 | 98.5 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | | - 1 | | | 7745 | 70 13 | 77.53 | 7703 | 77.0 | 7741 | 7741 | 7748 | 77.5 | 77.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| E | | 0) | | 95.9 | 97.8 | 98 • 5 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | • • • • | ••• | • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • | ••••• | • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | •••••• | • • • • • • | ******** |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: OCT HOURS(LST): 0000-0200 VISIBILITY IN STATUTE HILES CE IL ING 6E GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GΕ GE GF GF GE FEET | 10 ำ 5/16 3/4 5/8 1/2 Ω NO CEIL I 51.1 51.2 51.2 51.2 51.2 51.2 GE 200001 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 72.0 72.5 75.9 72.0 72.5 75.9 SE ISOOO! 71.7 71.9 72.0 72.0 72.0 72.0 72.5 72.0 72.5 72.0 72.5 72.0 72.5 72.0 72.0 72.5 72.0 6E 160001 72.5 75.9 6E 140001 6E 120001 81.7 82.0 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 86.6 GE 100001 85.7 86.2 86.6 86 -6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 90.4 90.5 90001 85.7 86.2 90.1 86.6 90.4 86 • 6 9D • 4 86.6 90.4 86.6 90.4 86.6 86.6 86.6 86 .6 86.6 86.6 86.6 86.6 GΕ 8000 89.4 90.4 90.4 90.4 9p.4 90.4 90.4 89.5 90.5 90.5 90.5 70001 90.2 90.5 90.5 90.5 90.5 90.5 90.5 90.5 60001 90.5 9 g. 5 90.5 90.5 90.5 90.5 90.5 GE 50001 89.6 90.3 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 45001 89.7 90.5 90.9 90.9 90.9 92.9 93.2 90.9 92.9 93.2 90.9 90.9 90.9 6E 90.9 92.8 90.9 90.9 90.9 90.9 90.9 92.9 93.2 92.9 GE 3500 93.1 93.2 30001 93.2 94.5 94.7 95.1 95.3 95.1 95.3 95.2 95.4 95.4 95.2 95.4 95.4 GΕ 25001 93.4 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.4 95.4 96.5 95.4 95.4 96.5 93.7 95.4 95.4 95 .4 95 .4 95.4 95.4 GE 20001 95.4 95.4 95.4 1800 93.7 94.7 95.3 95.3 95.4 95.4 95.4 95.4 15001 95.9 96.5 96.5 98.2 96.5 98.2 96.5 98.2 94.2 95.4 95.9 96.1 96.5 96.5 96 . 5 96.5 97.8 97.8 97.4 97.4 97.5 GΕ 10001 95.1 98.2 98.8 98.8 98 .8 98 . 8 98.8 98.8 98.8 98.8 98.8 9001 96.8 98.2 98.8 98.8 98.8 98.8 98.8 GE GC 95.1 98.8 98.8 98.8 98.6 98.8 98.2 95.2 99.2 99.2 99.2 700 95.2 98 .4 98 .4 98.7 6E 6001 98.7 99.4 99.7 99.7 99.8 99.8 99.8 5001 95,2 96.9 97.5 97.5 98.4 99.4 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 4001 95.2 96.9 98.4 98.7 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 96.9 97.5 98.4 98.7 99.4 99.7 99.7 100.0 100.0 100.0 100.0 100.0 95.2 100.0 2001 95.2 96.9 97.5 98.4 98.7 99.4 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100-0 100.0 1001 99.4 99.7 100.0 100.0 100.0 100.0 100.0 99.7 100.0 100.0 GE n i 95.2 96.9 97.5 98.4 98.7 99.8 99.7 99.7 100.0 100.0 100.0 100-0 100-0 100-0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: OCT HOURS(LST): 0300-0500 CEILING VISIBILITY IN STATUTE HILES GE FEET 10 3 2 1/2 2 1 1/2 1/2 0 NO CEIL ! 53.8 54.0 54.0 54 .0 54.0 54.0 54.0 54.0 54.0 54.0 54.0 54.0 54.0 54.0 54 . D 70.3 70.3 200001 69.9 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 180001 70.0 70.4 70.8 70.4 70.4 70.4 70.4 70.8 70.4 70.4 70.4 70.4 70.4 70.4 70.4 6E 160001 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.3 74 8 8...8 14000 74 .8 74 . 8 74.A GE 12000 80.8 80 .B 80 . 8 80.8 89.8 6E 100001 85.1 85.9 86.5 86.5 86.3 86.5 86. 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.0 89.9 90.0 86.6 90.5 90.6 86.6 90.5 86.6 86.6 90001 80001 85.2 89.0 86.5 6 5. 6 86.6 90 - 3 , D. 5 90.5 90.5 90.5 90.5 6F 90.5 90.5 90.6 90.4 70001 90.6 90.6 93.9 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.9 60001 80.4 90.2 90.6 10.9 90.9 90.9 90.9 90.9 90.9 90.9 89.9 90.1 92.0 91.4 91.8 94.2 GE 50001 90.8 91.2 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.6 91.8 94.2 94.7 95.7 91.8 91.8 91.8 94.2 91.8 94.2 91.8 94.2 91.2 93.5 91.8 94.2 91.8 91.8 91.8 91.8 45001 40001 92.5 94.0 94.5 95.5 94.7 94.8 94.8 94.8 94.8 94.8 35001 94 .8 94.8 94.8 9 L . A 94.8 95.9 30001 95.9 95.9 95.9 95.9 GE 25000 93.3 93.3 96.6 96.6 96.6 96.6 96.6 96.6 94.9 96.3 96.3 96.6 96.6 96.6 96.6 96 - 1 94.9 95.1 95.7 96.1 96.2 96.3 96.5 97.1 96.6 96.7 97.3 96.6 96.7 97.3 96.6 20001 96.3 96 .6 96.6 96.6 96.6 96.6 96.6 96.6 18001 93.4 96.7 97.3 96.7 96.7 96.7 96.7 96.7 96.7 93.8 96.9 97.1 97.3 15001 6E 98.9 12001 99.0 99.0 99.0 10001 94.9 97.1 98,6 99.0 99.4 99.4 99.4 99.4 99.4 59.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE GE 9001 94.9 97.1 98.6 99.0 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.0 99.4 700 97.1 98.6 99.0 99.4 99.4 99.4 99.4 99.8 97.2 99.8 99.8 99.8 GE 6001 94.9 98.7 99.4 99.4 99.8 99.8 GE 5001 94.9 97.2 98.7 99.4 99.4 99.B 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 97.2 99.8 99.9 99.9 99.8 99.9 99.9 98.7 98.7 99.4 99.4 99.8 400 99.8 99.8 GE GE 94.9 99.9 99.9 300 2001 97.2 99.8 99.8 99.8 99.4 99.8 98.7 99.4 00.0 01 99.9 99.8 99.8 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | AT I | ION | NUP | BER: | 912180 | STATI | ON NAME: | ANDE | RSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | -87 | | |
|----------|-------|------|------------|------|---------------|--------------|--------------|-----------|-------------------|-------------|-------|--------------|---------------|---------------|---------------|---------------|--------|---------------|----------|
| | | | | | | | | | | | | | | MONTH | : 001 | HOURS | (LST): | 0600-08 | 00 |
| | | | • • • • | | | • • • • • • | | | | | | | | | | • • • • • • | | • • • • • • | ******** |
| | | ING | | | | | | | | | | IN STAT | | | | _ | | | |
| | IN. | | 1 | 6E | 6E | GE | GE | GE | GE | GE | 6€ | GE | GΕ | 6E | GE | GΕ | GE | GE | GE_ |
| | EE 1 | | i | 10 | 6 | 5 | * | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| •• | • • • | •••• | • • • • | •••• | • • • • • • • | ••••• | | • • • • • | • • • • • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• |
| NO | CE | EIL | ı | | 50.8 | 50.8 | 50.8 | 50.8 | 50·8 | 50.8 | 50.8 | \$0.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| GE | 20 | 0000 | 1 | | 67.8 | 68.0 | 68.0 | 68.0 | 68.D | 68.1 | 68.1 | 68.1 | 68 - 1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 38 | 18 | 8000 | ì | | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68-6 | 68+6 | 68.6 | 68.6 |
| GE | 16 | 6000 |) Ì | | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE | 14 | 4000 | 1 | | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE | 12 | 2000 | 1 | | 78.5 | 78.7 | 78.9 | 76.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79 • B | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| | 10 | 0000 | 1 | | 83.9 | 84.2 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84 . 7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE | | 9000 | | | 83.9 | 84.2 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 64.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 6E | | 8000 | | | 88.5 | 88.8 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89,6 |
| GE | | 7000 | | | 88.7 | 89.0 | 89,6 | 89.7 | 89.7 | 89 - 8 | 89.8 | 89 -8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE | • | 6000 | , (| | 88.8 | 89.1 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 6E | 9 | 5000 | 1 | | 89.0 | 89.4 | 89.9 | 90.0 | 90.D | 90.1 | 90.1 | 90.1 | 90.1 | 90 1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GΕ | 4 | 4500 |) İ | | 89.1 | 89.6 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE | | 4000 | 1 | | 90.5 | 91.4 | 92.0 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE | | 3500 | | | 91.3 | 92.4 | 93.0 | 93.1 | 93, 1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE | ! | 3000 | 31 | | 92.7 | 94.0 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE | - 1 | 2500 | ı | | 93.0 | 94.3 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 6E | | 2000 | | | 93.0 | 94.3 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GΕ | 1 | 1800 | 1 | | 93.1 | 94.4 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 9.5 . 5 | 95.5 |
| GE | 1 | 1500 | 1 | | 94.4 | 95.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.D | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 6E | 1 | 1200 | 31 | | 94.8 | 96.1 | 97.4 | 98 . D | 98.0 | 98.1 | 98.1 | 98 -1 | 98.1 | 98.1 | 98.1 | 98-1 | 98.1 | 98.1 | 98.1 |
| GE | i | 1000 | | | 94.8 | 96.2 | 97.7 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE | | 900 | | | 94.8 | 96.2 | 97.7 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 39 | | 800 | | | 94.9 | 96.5 | 98.2 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 39 | | 700 | | | 94.9 | 96.5 | 98.2 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99 • 2 | 99.2 | 99.2 | 99.2 |
| GE | | 600 |) [| | 94.9 | 96.6 | 98.5 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | | 500 | | | 95.1 | 96.8 | 98.7 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 400 | | | 95.1 | 96.8 | 98.7 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 |
| GE GE | | 200 | | | 95.1 95.1 | 96.8 96.8 | 98.7 98.7 | 99.6 | 99.6 99.6 | 99.8 | 99.8 | 99.8 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100 | | | 95.1 | | | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| | | | - | | • | 96.8 | 98.7 | | | | | | | | | | - | 100.0 | |
| 6E | | |) | | 95.1 | 96.8 | 98.7 | 99.6 | 99.6 | 99.8 | 99.8 | | | 100.0 | | | | 100.0 | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

MIN MENIUS PERMICENUM

| S 1 | TAT: | ION | NUMB | R: | 912180 | STATI | ON NAME : | ANDE | RSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | -87 | | |
|----------|-------|---------|-----------|---------|--------------|--------------|------------------|-------------|-----------------|-----------|-------------|-----------------|---------------|---------------|--------------|------------------|--------------|--------------|-------------------|
| | | | | | | | | | | | | | | HONTH | : 001 | HOURS | (LST): | 0900-11 | 00 |
| | | | • • • • • | • • • • | | | • • • • • • • | • • • • • | | | ••••• | • • • • • • • | • • • • • • | | • • • • • • | | | | |
| | | ING | | | | | | | | | | IN STAT | | | | | | | |
| | IM | _ | l GE | | 6E | GE | GE | GE | GE | GE | GE | 6 E | GΕ | GE | عوا | GE | GE. | GE | GE |
| F | EE. | T | 1 1 | 0 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| • • | • • • | • • • • | • • • • • | • • • • | • • • • • • | • • • • • | • • • • • • • | • • • • • • | • • • • • • • • | • • • • • | • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • | | • • • • • • • | | | • • • • • • • • • |
| | | | | | | | | . | | | | | | | | | | | |
| NO | CI | EIL | 1 | | 51.7 | 51.7 | 51,7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| | | | | | | | | | | | | | | | | | | | |
| | | 0000 | | | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69 • 8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| | | 1000 | | | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71 -3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| | | 5000 | | | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71 .8 | 71.8 | 71.B | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| | | 1000 | | | 75.5 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75 • 7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| bt | | 5000 | 31 | | 81.1 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81 •4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| | | | | | | | | | | | | | | | | | | | |
| | | 0000 | | | 84.6 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84 .9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 6E | | 9000 | | | 84.9 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE | | 3000 | • | | 89,4 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 69.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE | | 2000 | | | 89.7 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90 •1 | 90 - 1 | 90.1 | 90-1 | 90 • 1 | 90.1 | 90.1 | 90.1 |
| GE | • | 1000 | , , | | 89.9 | 99.1 | 90 • 2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90 • 3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| | | | | | | | 00 5 | | 00 (| | | | | | | | | | |
| GE GE | | 5000 | | | 90.2 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE | | 1500 | | | 90.3 | 98.5 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 9D • 8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90-8 |
| | | 1000 | | | 92.0 93.5 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE | | 3500 | | | 94.4 | 93.9 94.7 | 94.0 | 94.1 | 94.1 | 94 - 1 | 94.1 | 94 -1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE | • | 3000 | ,, | | 77.7 | 77.1 | 94 . 8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95 • 1 | 95.1 | 95.1 | 95.1 |
| GE | | 2500 | | | 94.9 | 95.3 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE | | 2000 | | | 95.3 | 95.6 | | 96.0 | 96.D | 96.0 | 96.0 | 96 .n | | | | | | | |
| GE | | 1800 | | | 95.3 | 95.6 | 95 • 8 95 • 8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 96.0 | 96.1 96.1 | 96.1 96.1 | 96 • 1 96 • 1 | 96.1 96.1 | 96.1 96.1 | 96.1 96.1 |
| GE | | 1500 | | | 96.2 | 96.9 | 97.1 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE | | 200 | | | 96.8 | 97.6 | 97.8 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | | | | |
| UL | • | | ' 1 | | 70.0 | 77.00 | 71.0 | 70 62 | 7002 | 70.3 | 70.4 | 70.7 | 70.0 | 70.1 | 70,1 | 98 • 8 | 98.8 | 98.9 | 98 - 9 |
| 6E | ٠, | 1000 | 11 | | 97.0 | 98.1 | 98.3 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 |
| 32 | - | 900 | - | | 97.0 | 98.1 | 98.3 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 |
| GE | | 800 | | | 97.0 | 98.1 | 98.3 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.2 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE | | 700 | | | 97.0 | 98.1 | 98.3 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.2 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE | | 600 | | | 97.0 | 98.3 | 98.6 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 |
| - | | - 00 | •• | | 7710 | ,,,, | ,0.0 | ,,,,, | , | ,, •u | ,,,, | ,,,, | ,,,, | ***** | // | ,,,, | ,,,, | , 9.9 | 77.7 |
| GE | | 500 | 11 | | 97.0 | 98.3 | 98.6 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | | 400 | | | 97.0 | 98.3 | 98.6 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | | 300 | | | 97.0 | 98.3 | 98.6 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| 68 | | 200 | | | 97.0 | 98.3 | 98 • 6 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| 6E | | 100 | | | 97.0 | 98.3 | 98 • 6 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | 70.0 | ,,,,, | | 4 | | | | | | , | , | 1-010 | .00.0 |
| GE | | 1 | s i | | 97.0 | 98.3 | 98.6 | 99.0 | 99.D | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ••• | | | • • • • • | | | | | | | | **** | ,,,,, | | | • • • • • • | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\sigma_{B}servations$

| | | | | - | ., | A NO | ERSEN AFB | GUAM | | | | | OF REC | | 1-87 (LST); | 1200-14 | 00 |
|------|-------|-------------|-----------------|---------------|---------|-----------|-------------------|-------|-------------|-------------|---------|-----------|-------------|-----------|----------------|-------------|---------|
| | ING | • • • • • • | • • • • • • • • | • • • • • • • | ••••• | • • • • • | • • • • • • • • • | | | IN STAT | | .ES | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| FEE | | GE 10 | 6E 6 | GE 5 | GE 4 | G E 3 | GE 2 1/2 | G E 2 | 6E 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5 / 8 | GE 1/2 | GE 5/16 | GE 1/4 | GE O |
| 10 0 | EIL | 1 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| E 2 | 20000 | 1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| Ē | 8000 | ı | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| E 1 | 6000 | i | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| E 1 | 4000 | ı | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| E 1 | 2000 | 1 | 81.1 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| E 1 | 0000 | ı | 85.4 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85 . 8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| E | 9000 | į | 85.5 | 85.7 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| Ε | 8000 | ĺ | 89.7 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90 • 1 | 90.1 | 90.1 | 90 - 1 | 90-1 | 90.1 | 90.1 |
| Ε | 7000 | 1 | 98.1 | 90.3 | 90 . 4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| Ξ | 6000 | 1 | 90.2 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90 .6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90•6 |
| 2 | 5000 | t | 90.4 | 90.6 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.0 | 90.9 |
| | 4500 | l | 90.4 | 90.6 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| Ξ | 4000 | l | 92.2 | 92.5 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| | 3500 | ı | 92.6 | 92.9 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| Ξ. | 3000 | ı | 94.3 | 94.6 | 94.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95,2 | 95.2 | 95•2 | 95.2 | 95.2 | 95.2 |
| E | 2500 | i | 94.5 | 94.9 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| Ξ | 2000 | 1 | 94.8 | 95.3 | 95.6 | 95.9 | 95.9 | 9549 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| Ε | 1800 | 1 | 94.8 | 95.3 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| Ξ. | 1500 | Į | 95.7 | 96.3 | 96.7 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| E | 1200 | ŀ | 96.6 | 97.5 | 97.8 | 98.3 | 98.3 | 98.6 | 98.6 | 98 .6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98 • 6 |
| Ξ | 1000 | t | 96.8 | 96.1 | 98.4 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 5 | 900 | ı | 96.8 | 98.1 | 98.4 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| Ε | 800 | ı | 96.8 | 98.2 | 98.5 | 99.0 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Ε | 780 | | 96.8 | 98.2 | 98.5 | 99.0 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Ē | 600 | 1 | 96.8 | 98.2 | 98 • 8 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99,9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 500 | ı | 96.8 | 98.2 | 98.9 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Ε | 400 | 1 | 96.8 | 98.2 | 98.9 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Ė | 300 | 1 | 96.8 | 98.2 | 98.9 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Ē | 200 | 1 | 96.8 | 98.2 | 98.9 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.8 | 100.0 | 100.0 |
| E | 100 | 1 | 96.8 | 98.2 | 98.9 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Ε | o | 1 | 96.8 | 98.2 | 98.9 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

GLUBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: DCT HOURS(LST): 1500-1700 VISIBILITY IN STATUTE HILES CEILING 6E GE 0L 2 1 1/2 1 1/4 IN 1 FEET) 6E Œ SE GE GE GΕ GE GE GΕ 10 5 3 2 1/2 5/8 1/4 0 1/2 5/16 NO CEIL I 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 69.2 GE 200001 69.2 70.1 69.2 70.1 69.2 70.1 69.2 69.1 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 70.1 71.6 77.3 70 · 1 71 · 6 77 · 3 GE 180001 70.0 70.1 70.1 70.1 70.1 70.1 70.1 70.1 71.6 77.3 70.1 70.1 GE 160001 GE 140001 71.5 77.1 71.6 77.2 71.6 77.3 71.6 77.3 71.6 77.3 71.6 71.6 71.6 71.6 71.6 71.6 71.6 77.3 83.5 7₇.3 83.5 77.3 77.3 77.3 GE 120601 83.1 83.5 83.5 GE 100001 86.9 87.1 87.1 87.1 GE 90001 86.7 86·9 90·9 87.1 87.1 87.1 87.1 87.1 87.1 87.1 91.1 87.1 87.1 87.1 87.1 91.1 87.1 91.1 80001 90.3 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.5 91.1 91.1 70001 90.6 91.3 91.5 91.6 91.5 91.6 91.5 91.5 91.5 91.5 91.5 91.5 91.5 90.8 91.4 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.9 91.9 93.9 GΕ 50001 91.1 91.7 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.1 91.7 91.9 91.9 91.9 91.9 45001 91.9 91.9 91.9 91.9 91.9 93.9 91.9 GE 4nnnt 93.9 94.8 93.9 93.9 93.9 35001 93.9 94.6 94.8 94.8 GE GE 94.8 94.8 94.8 94.8 94.8 30001 94.9 96.0 96.1 96.1 96.1 96.2 96.2 GF 25001 94.9 95.7 96.0 96.1 96.1 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.5 95.1 95.1 95.8 95.8 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 GΕ 20001 96.3 96.3 96.3 18001 96.3 96 • 3 96.3 96.6 GΕ 95.2 95.9 96.2 96.5 96.5 96.5 96 .6 96.6 96.6 96.6 96.6 96.6 1200 98.Q 98.0 98.1 98.1 96.3 98.1 98.1 98.1 98.1 10001 96.9 97.8 98.2 98.9 98.9 99.1 99.1 99.1 99.1 98.7 98.7 99.1 99.2 99.2 99.1 99.2 99.2 97.8 98.0 98.2 98.3 98.7 98.8 98.9 98.9 99.0 99.0 99.1 99.1 9001 8001 99.1 99.1 99.1 99.1 GE 97.0 99.2 99.2 99.2 99.2 99.2 99.2 99.2 98.8 700 99.2 GE 6001 97.0 98.0 98.3 98.8 98.8 99.0 99.0 99.1 99.2 99.4 99.4 99.4 99.4 99.2 99.2 99.2 99.5 99.5 99.5 99.5 GE 5001 97.2 98.4 98.7 99.2 99.5 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 99.5 99.5 99.5 99.6 99.6 99.7 4001 97.2 98.4 98.4 99.2 99.2 99.8 99.8 99.8 99.8 100.0 98.7 100.0 100.0 GE GE 100.0 300 97.2 98.7 100.0 100.0 100.0 GE 99.6 99.7 99.8 100.0 laas 97.2 98.4 98.7 99.2 99.2 100.0 100.0 100.0 1001 GE ٥l 99.5 99.2 99.5 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

| - ST | ATION NO | JMBER: | 912180 | STATI | ON NAME: | ANDE | RSEN AFE | 6UAM | | | | PERIOD | OF REC | ORD: 78 | | | |
|------------|----------|-----------|---------------|---------------|----------|-----------|----------|--------|---------------|----------|--------|--------|---------------|---------------|--------|-------------|---------------------|
| | | | | | | | | | | | | MONTH | | | (LST): | | |
| | ILING | • • • • • | • • • • • • • | • • • • • • • | •••••• | • • • • • | | | | IN STATE | | | • • • • • • • | • • • • • • | ••••• | • • • • • • | • • • • • • • • • • |
| | IN I | 6E | 6E | GE | GE | GΕ | 6E | 6E | GE | GE | GE | . 6E | GE | 6E | GE | 6E | GE |
| | EET I | 10 | 6 | 5 | - U-4 | | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ۵ |
| | ••••• | - | - | | | | | | | | | | | | | | |
| | | • • • • • | | | | | | | | | | | | | | | |
| NO | CEIL | | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| 6E | 200001 | | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE | 160031 | | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| | 160001 | | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| | 140001 | | 76.8 | 76.8 | 76.8 | 76.8 | 7 6 · 8 | 76 • 8 | 76.8 | 76.8 | 76 • 8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE | 120001 | | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | £2 • 8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE | 100001 | | 86.2 | 86.5 | 86 . 6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86 • 6 |
| GE | 90501 | | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE | 82001 | | 89.8 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE | 70001 | | 90.1 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90 .8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.6 | 90.8 | 90.8 |
| G€ | 90001 | | 90.1 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90 . B | 90.8 | 90.8 | 90.8 |
| GE | Spool | | 90.3 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE | 45001 | | 90.5 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| G€ | 40001 | | 93.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94 • 1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GΕ | 3500) | | 94.2 | 95.1 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE | 30001 | | 94.8 | 95.8 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96 .2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE | 25001 | | 94.8 | 95.8 | 96 • 0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE | 20001 | | 94.9 | 95.9 | 96.1 | 96,3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 6 E | 1800) | | 94.9 | 95.9 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96 • 5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE | 15001 | | 95.3 | 96.3 | 96.6 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE | 12001 | | 96.2 | 97.7 | 98.2 | 98 • 6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98 • 9 |
| GE | 10001 | | 96.5 | 98.0 | 98.5 | 98.9 | 98.9 | 99.0 | 99.D | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GΕ | 9001 | | 96.5 | 98.D | 98.5 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE | 8001 | | 96.5 | 98.D | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GĘ | 700 | | 96.5 | 98.0 | 98.8 | 99.2 | 99.2 | 99,4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99,6 | 99.6 | 99.6 | 99 • 6 |
| GE | 6001 | | 96.5 | 98.0 | 98 • 8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 5001 | | 96.5 | 98.0 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 4001 | | 96.5 | 98.0 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3001 | | 96.5 | 98.0 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GΕ | 2001 | | 96.5 | 98.D | 78.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1001 | | 96.5 | 98.0 | 98.9 | 99.4 | 9 9. 4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100,0 | 100.0 |
| GE | 10 | | 96.5 | 98.0 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99 • 8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • | | | • • • • • • | | | | | | • • • • • • • | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS:

930

' (

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: OCT HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES CE IL ING Œ GE GE GE GF IN FEET GE GE GE GE 6 E GE 6 E 1 1/2 1 1/4 3 2 1/2 2 10 6 5/16 NO CEIL I 47.8 47.8 47.7 47.8 47.8 47.8 47.8 47.8 47.8 47.8 47.8 47.8 47.8 GE 200001 70.1 71.2 70.1 71.2 70.1 71.2 70.1 71.2 72.2 70.1 69.7 70.0 70.0 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70.8 71.2 72.2 71.1 71.1 71.2 71.2 71.2 71.2 71.2 72.2 71.2 71.2 71.7 72,2 6E 160001 72.0 75.3 72.2 72.Z 72.2 72.2 72.2 72.2 72.2 75.4 75.4 75.4 GE 140001 75.3 75.4 75.4 75.4 75.4 75.4 75.4 120001 80.9 80.4 80.9 80.9 100001 85.2 85.6 85.7 85.7 85.7 85.7 85.7 85.6 85.7 85.7 85.7 85.7 85.7 9000 I 85.2 85.7 85.7 85.7 90.4 85.7 90.4 85.7 90.4 85.7 90.4 85.7 85 · 7 85.6 85.6 85.7 85.7 85.7 85.7 GΕ 90.4 90.4 90.3 90.5 90.3 90.4 90.4 90.6 7000 90.6 90.6 90.6 90.6 90.6 GE 60001 89.9 90.6 90.6 90.8 90.8 90.8 90.8 90.8 90.8 90.8 50001 90.8 91.0 93.4 94.3 90.8 90.8 91.0 93.4 94.3 GE 89.9 90.6 90.6 90.8 90.8 93.8 90.8 90.8 90.8 90.8 90.8 90.8 91.0 93.4 91.0 93.4 94.3 45001 90.1 92.4 93.2 91.0 91.0 93.4 91.0 91 •0 93 •4 90.9 90 • 9 93 • 2 91.0 91.0 91.0 93.4 93.4 93.4 93.4 GE 40001 93.1 93.4 93.4 35001 94.0 94.1 94.3 94.3 96.1 94.3 94.3 SE 94.3 94.3 94.3 30001 96.1 96.1 GE 25001 94.8 96.1 96.1 96.1 95.1 95.1 GE 20001 95.9 96.0 96.0 96.2 96.2 96•2 96•2 96.5 96.5 96.5 96.5 96 •5 96 •5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 GE 1800 1500 95.5 96.8 97.0 97.0 97.2 97.2 97.3 97.3 97.3 97.3 GΕ 98.6 98.6 12001 96.5 97.7 98.2 98.4 98.4 98.6 98.7 98.7 98.7 98.7 98.7 99.0 99.1 99.5 GE 10001 98 • 6 98 • 6 98 • 9 99.0 99.0 99.1 96.5 98.0 98.4 98.8 98.8 98.8 98.9 98.9 99.0 98.6 98.9 98.6 98.9 98.9 98.8 99.1 98.9 99.2 99.2 99.0 99.4 99.4 99.1 9001 98.D 99.0 99.0 99.1 GE 96.5 98.4 98·9 99·2 GE GE 99.4 99.5 96.5 98.4 99.4 99.5 700 98.0 98.4 98.9 99.2 99.5 96.5 99.4 99.5 99.5 600 • 1 96.6 GE 5001 . 1 96.6 98.1 98.5 99.0 99.0 99.5 99.5 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.2 99.5 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE GE 96.6 96.6 98.5 98.5 99.0 99.0 99.5 99.5 100.0 100.0 100.0 100.0 4001 . 1 98.1 300) . 1 98.1 100.0 99.2 GF 200 100i 98.1 98.5 99.0 99.0 99.5 99.5 100.0 100.0 100.0 100-0 100.0 100.0 GE 98.1 99.0 . 1 96.6 98.5 100.0 GE o f . 1 96.6 98.1 98.5 99.0 99.0 99.2 99.5 99.9 99.9 99.9 100.0 100.0 100.0 100.0 90.5

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAN PERIOD OF RECORD: 78-87 MONTH: OCT VISIBILITY IN STATUTE MILES GE GE GE CE IL ING GE GE GE 2 1 1/2 1 1/4 IN FEET GE GE 3 2 1/2 5 1 1/2 5/16 1/4 10 6 4 3/4 5/8 ۵ NO CEIL 1 49.3 49.4 GE 200001 69.4 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 180001 70.4 70.5 70.5 71.3 70.6 71.3 70.6 71.3 70.6 71.3 70.6 71.3 70.6 71.3 70.6 71.3 70.6 71.3 70.6 71.3 70.6 70.6 70.6 70.6 71.3 75.6 16000 71.1 75.4 71.3 75.5 71.3 140001 75.6 75.6 75.6 75.6 120001 81.0 81.5 81.5 SE 100001 85.3 85.7 85.9 86.0 86.0 86.0 86.0 86 -0 86.0 86.0 86.0 86.0 86.0 86.0 90001 80001 85.4 85.8 86.0 90.3 86.0 90.3 86.0 90.3 86.0 90.3 86.0 90.3 86.0 90.3 86.0 90.3 86.0 90.3 86.0 90.3 GF 86.D 86.0 86.0 86.0 90.2 90.5 90.3 90.3 90.3 90.6 90.6 90.7 GF 70001 89.7 90.2 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 en a 90.7 89.8 90.7 90.7 60001 90.3 90.6 90.7 90.7 90.7 90.7 90.7 90.7 GE 90.7 90.9 91.1 93.3 GF 50001 90.1 90.6 9D . 8 90.9 90.9 90.9 91.1 90.9 90.9 90.9 90.9 91.1 93.3 90.9 91.1 90.9 90.9 90.9 91.1 93.3 94.2 91 · 1 93 · 3 45 00 I 90.8 91.0 91.1 91.1 91.1 91.1 91.1 93.3 91.1 93.3 90.2 92.8 93.7 93.3 94.1 95.5 92.1 93·1 94·0 GF 93.3 93.3 93.3 93.3 93.3 3500 92.9 94.2 94.2 94.2 GE 94.2 94.2 94.0 95.6 30001 94.9 95.3 95.6 95.6 95.6 95.6 2500l 2000l 94.2 94.4 94.4 95.9 96.1 95.9 95.1 95 . 6 95.8 95.8 95.8 95.8 95.9 95.9 95.9 95.9 95.9 95.9 95.3 95.3 96.1 96.1 95 · 8 95 · 8 96.0 96.0 96.0 96.0 96 • D 96 • 1 96.1 96.1 96.1 GF 96.0 96.0 96.1 96.1 96.1 97.0 96.1 96.1 96.1 96.1 96.1 GE 18001 96.1 96.1 15001 95.0 96.9 97.0 97.0 97.1 97.1 97.1 97.1 GE GE 97.8 12001 98.2 98.5 98.5 98.5 95.8 98.2 98.4 98.5 98.5 96.5 98.5 99.1 99.1 99.4 10001 99.0 99.0 99.1 96.0 98.6 98.6 98.8 98.7 98.9 98.9 99.1 99.1 99.1 GE 97.5 98.2 99.1 98.2 98.3 98.7 98.9 99.0 99.2 99.3 99.1 99.4 99.5 96.0 97.5 97.6 98.9 99.2 99.2 99.0 99.2 99.2 99.1 GE 9001 99.1 99.1 99.4 99.4 99.1 99.3 99.4 GE 8001 97.6 98.3 7001 98.9 99.5 99.5 99.5 GE 96.1 98.9 99.4 600 .0 GE 5001 .0 96.1 97.7 98.6 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 99.2 99.2 99.9 99.9 99.9 GE GE 400 l .0 96.1 96.1 97.7 97.7 98.6 98.6 99.2 99.2 99.2 99.5 99.5 99.6 99.6 99.6 99.8 99.8 99.9 100.0 100.0 100.0 100.0 200 . 0 96.1 97.7 98.6 99.2 99.5 99.6 99.6 99.8 100.0 100.0 100.0 100.0 GE 1001 . 0 96.1 97.7 98.6 99.2 99.2 99.5 99.6 99.6 99.8 99.9 100.0 100.0 100.0 100.0 99.6 GF οt . n 97.7 96-1 98.6 99.2 99.2 99.5 99.6 99.8 99.9 99.9 100.0 100.0 100-0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| S T | ATION | NU | MBER: | 912180 | STATI | ON NAME: | A NO E | RSEN AFB | GUAM | | | | PERIOD MONTH | | | -87 (LST): ! | 1000-00 | |
|------------|-----------|-----|-----------|---------------|---------|---------------|---------|--------------------|-----------|-------------|-------------|-------------|-----------------|-----------|-----------|-----------------|-------------|-----------|
| | | | • • • • • | • • • • • • • | | | | | | | | | | | | | | |
| Œ | IL ING | | | | | | | | A121 | BILITY | IN STATE | UTE MIL | ES. | | | | | |
| | IN Eet | ŀ | 10 | 6E 6 | GE 5 | 6E 4 | GE 3 | GE 2 1/2 | 6 E 2 | 6E 1 1/2 | GE 1 1/4 | 6£ 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE O |
| | •••• | | • • • • • | | ••••• | • • • • • • • | •••• | ••••• | • • • • • | ••••• | ****** | • • • • • • | | | | | • • • • • • | • • • • • |
| o | CEIL | 1 | | 55.3 | 55.3 | 55.3 | 55.3 | 5 5 • 3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | \$5.3 | 55.3 |
| Ε | 2000 | οl | | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72. |
| E | 1800 | 01 | | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73. |
| | 1600 | | | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74 - |
| | 1490 | | | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77. |
| Ε | 1200 | 01 | | 80.7 | 80.7 | 80.7 | 80.7 | 8 ₀ . 7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | BQ. |
| Ε | 1000 | 01 | | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86. |
| E | 900 | 01 | | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86 • |
| Ε | 800 | 10 | | 89.9 | 90.2 | 90 • 3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90. |
| E | 700 | 01 | | 90.2 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90. |
| ε | 600 | o (| | 90.7 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91. |
| E | 500 | | | 90.9 | 91.7 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91. |
| Ε | 450 | | | 91.2 | 92.0 | 92 • 1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92. |
| E | 400 | | | 92.4 | 93.2 | 93.3 | 93.3 | 9 3 • 3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93. |
| E | 350 | | | 93.7 | 94.4 | 94 • 6 | 94.6 | 94.6 | 94.6 | 94.6 | 94 •6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94. |
| £ | 300 | 0 (| | 96.2 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97. |
| E | 250 | 01 | | 96.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97. |
| E | 200 | 0) | | 96.4 | 97.4 | 97.8 | 97.8 | 97-8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97. |
| Ε | 180 | | | 96.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97. |
| Ε | 150 | | | 97.1 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 198.6 | 98 • 6 | 98.6 | 98 • 6 | 98.6 | 98.6 | 98. |
| Ε | 120 | 01 | | 97.4 | 98.7 | 99 • 2 | 99.2 | 99.2 | 99.2 | 99.2 | 99 •2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99. |
| E | 100 | | | 97.7 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99. |
| Έ | 90 | | | 97.7 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99. |
| E | 80 | | | 97.7 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99. |
| E | 70 | | | 97.7 | 98.9 | 99 . 6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99. |
| Ε | 60 | 01 | | 97.8 | 99.0 | 99 • 7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99. |
| E | 50 | o t | | 97.9 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |
| Ε | 40 | 10 | | 97.9 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |
| E | 30 | 10 | | 97.9 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |
| ξ | 20 | | | 97.9 | 99.1 | 99 • 8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |
| įΕ | 10 | 01 | | 97.9 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99. |

99.9

99.9

99.9

99.9

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99.9

99.8 99.9

TOTAL NUMBER OF OBSERVATIONS: 900

99.8

99.8

GE

01

99.9

99.9 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: AMDERSEN AFR GUAM PERIOD OF RECORD: 78-87 HONTH: NOV HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES CE IL ING GE GE GE 2 1 1/2 1 1/4 IN | FEET | GΕ GE GF GF 3 2 1/2 1/4 6 5 1 3/4 5/8 1/2 5/16 GE 200001 71.9 71.9 71.9 71.9 71.9 72.9 73.7 71.9 71.9 71.9 72.9 73.7 71.9 71.9 71.9 71.9 71.9 71.9 71.9 72.9 72.9 72.9 12.9 73.7 72.9 73.7 72,9 72.9 73.7 6E 180001 72.8 72.9 72.9 72.9 72.9 73.7 73.6 73.7 73.7 140001 76.2 76.2 76.2 76.1 76.2 76.2 76.2 82.0 76.2 76.2 GE 120001 81.7 GE 10000| 85.2 85.7 85.8 85.8 85.8 85.8 85.8 85 .8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 89.3 89.7 GE 9000l 85.2 88.8 85.7 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 89.3 89.7 89.9 89.3 89.7 89.7 89.7 GE 70001 89.1 89.6 80 7 89.7 89.7 89.7 89.7 89.7 89.3 89.8 60001 89.9 GF R9.9 90.2 90.4 91.9 GF Sopol 89.7 89.9 90.1 90.2 90.2 90.2 90.4 90.2 90.2 90.2 90 - 2 90.2 90.2 90.2 90.2 90.2 90.4 91.9 94.2 96.4 91.9 94.2 97.1 90.4 90.4 45001 90.4 90.4 90.4 90.3 90.4 40001 35001 91.3 91.8 91.9 91.9 91.9 91.9 91.9 GE 91.9 94.2 94 • 2 97 • 1 GF 30001 97.0 97.0 97.1 97.1 96.4 97.4 97.4 25001 96.9 97.3 97.7 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 GE 20001 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.7 97.8 GE GE 97.2 97.7 97.8 18001 96.6 15001 99.4 GE 12001 97.3 98.2 98.80 99.7 99.3 99.4 99.4 99.4 99.4 99.6 99.7 99.7 99.7 99.8 99.8 97.4 99.7 99.7 99.7 99.7 GE 10001 98.3 98.9 99.4 99.7 99.7 99.7 99.7 99.7 99.8 99.8 97.6 99.0 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 9001 98.4 99.6 GE

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99.8 99.9 99.9

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99.8 99.9 100.0

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99.8

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100-0

100.0

TOTAL NUMBER OF OBSERVATIONS: 900

97.6

97.6

97.7

97.7

98.4

98.4

98.4

98.4

98.6

98.6

98.6

99.0

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GE GE

GE

GE GE

GΕ

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7001

5001

4001

3001

200

1001

01

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99.8

99.8

99.9 100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| MONTH: NOV HOURS(LST): 0600-0800 CEILING VISIBILITY IN STATUTE MILES IN) GE GE GE GE GE GE GE GE GE GE GE GE GE | ٠ |
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| CEILING VISIBILITY IN STATUTE HILES | ٠., |
| The state of the s | |
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| FEET 10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 0 | i |
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| NO CEIL 56.7 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 | |
| 6E 200001 69.9 70.0 70.0 70.0 70.0 70.0 70.0 70.0 7 | |
| GE 18000 71.8 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 | |
| GE 160001 72.7 72.8 72.8 72.8 72.8 72.8 72.8 72.8 | |
| 6E 140001 74.9 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 | |
| GE 120001 81-1 81-2 81-2 81-2 81-2 81-2 81-2 81- | |
| GE 100QD 85.7 85.8 85.8 85.8 85.8 85.8 85.8 85.8 | |
| GE 90001 85.7 85.8 85.8 85.8 85.8 85.8 85.8 85.8 | |
| 6E 80001 90.0 90.2 90.2 90.2 90.2 90.2 90.2 90.2 | |
| GE 7000 90-1 90-3 9 ₀₋ 3 9 ₀₋₃ 90 ₋ 3 90-3 90-3 90-3 90-3 90-3 90-3 90-3 90- | |
| GE 60001 90.1 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 | |
| GE 5000 90.2 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 | |
| 6E 45001 90.2 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 | |
| GE 40001 91.4 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 | |
| GE 35001 92.6 92.8 92.8 92.9 92.9 92.9 92.9 92.9 92.9 | |
| GE 30001 93.7 94.0 94.2 94.4 94.4 94.4 94.4 94.4 94.4 94.4 | |
| GE 25001 94.0 94.3 94.6 94.8 94.8 94.8 94.8 94.8 94.8 94.8 94.8 | |
| GE 2000 94.2 94.6 94.8 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95.0 | |
| GE 18001 94.3 94.7 94.9 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95 | |
| FE 15001 95.6 96.3 96.7 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97 | |
| GE 1200 96.4 97.3 97.8 98.3 98.3 98.3 98.3 98.3 98.4 98.4 98.4 98.4 98.4 98.4 | |
| GE 10001 96.6 97.6 98.2 98.8 98.8 98.9 98.9 98.9 99.0 99.1 99.1 99.2 99.2 99.2 | |
| GE 9001 96.6 97.6 98.3 98.9 98.9 99.0 99.0 99.0 99.1 99.2 99.2 99.3 99.3 99.3 | |
| GE 8001 96.7 97.8 98.6 99.2 99.2 99.3 99.3 99.3 99.4 99.6 99.6 99.7 99.7 99.7 99.7 | |
| GE 7001 96.8 97.9 98.7 99.3 99.3 99.4 99.4 99.6 99.7 99.7 99.8 99.8 99.8 99.8 | |
| 6E 6001 96.8 98.0 98.8 99.4 99.4 99.6 99.6 99.7 99.8 99.8 99.9 99.9 99.9 | |
| GE 5001 96.9 98.1 98.9 99.6 99.6 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 | |
| 6E 400 96.9 98.1 98.9 99.6 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 | |
| GE 3001 96.9 98.1 98.9 99.6 99.7 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 | |
| GE 2001 96.9 98.1 98.9 99.6 99.7 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 | |
| 6E 1001 96.9 98.1 98.9 99.6 99.6 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 | |
| GE 0! 96.9 98.1 98.9 99.6 99.7 99.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 | |

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(LST): 0900-1100

| | | | | | | | | | | | | | | 110045 | | 4,00-11 | |
|-------|---------|----|---------|------|---------------|-------------|-----------------|------|--------|---------|----------|--------|---------------|---------------|-------|---------------|----------|
| | | | * * * * | | | • • • • • • | • • • • • • • • | | | | | | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | •• ••••• |
| CEI | LING | | | | | | | VISI | BILITY | IN STAT | UTE MILI | E S | | | | | |
| 1 | IN I | GE | GE | 6E | GE | GE | GE | 6E | 6E | GE | GE | GE | GE | GE | GE | GE | GE |
| | ET I | io | | Ŭ 5 | 4 | 3 | | 2 | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| , r | | 10 | • | , | • | , | 2 17 2 | 2 | 1 1/5 | 1 1/4 | | 3/7 | 5/6 | 172 | 2/10 | 1/4 | U |
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| | | | | | | | | | | | | | | | | | |
| MA | CEIL I | | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| | | | 34.7 | 5447 | 34.7 | 34.7 | 34.7 | 34.7 | 3407 | 3447 | 3467 | 3447 | 3467 | 34.7 | 3407 | 3.07 | 3447 |
| | | | _ | | | | | | | | | | | | | | |
| GE | 200001 | | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE | 180001 | | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| | 160001 | | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| | | | | | | | | | | | | | | | | | |
| | 140001 | | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE | 120001 | | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| | | | | | | | | | | | | | | - | | | |
| C.F. | 100001 | | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86 . 4 |
| | | | | | | | | | | | | | | | | | |
| GE | 90001 | | 86.2 | 86.4 | 86 • 4 | 86.4 | 86.4 | 86.4 | 86.4 | 86 .4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86 - 4 |
| GE | 80001 | | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 6E | 70001 | | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE | 60001 | | 91.1 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 95 | 00.001 | | , 1 . 1 | 71.4 | 71.4 | 71.0 | 7140 | 71.0 | 11.0 | 71.0 | 91.6 | A1 *D | 41.0 | 41.0 | 71.0 | 71.0 | 71.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 50001 | | 91.3 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE | 45001 | | 91.8 | 92.1 | 92 • 1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 9262 | 92.2 |
| GE | 40001 | | 93.2 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| | | | | | | | | | | | | | | | | | |
| 6E | 35 gg [| | 95.0 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95 • 4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE | 30001 | | 95.9 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| | | | | | | | | | | | | | | | | | |
| GE | 25001 | | 95.9 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | | | | | | | | | | | | | | | | | |
| 6E | 2000 | | 96.0 | 96.4 | 96 • 6 | 96 • 8 | 96.8 | 96.8 | 96.8 | 96 .8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE | 18001 | | 96.0 | 96.4 | 96 • 6 | 96.8 | 96,8 | 96.8 | 96 • 8 | 96 • 8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE | 15001 | | 97.2 | 97.9 | 98.D | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ĞĒ | 12001 | | 97.7 | 98.3 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| O.L | 12001 | | ,,,,, | ,0., | 70.4 | 70.0 | , | ,,,, | ,,,, | ,,,, | ,,,, | 70 . 7 | ,,,, | ,,, | 90.7 | 7007 | 7017 |
| _ | | | | | | | | _ | | | | | | | _ | | |
| GE | 10001 | | 97.9 | 98.6 | 98.7 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE | 9001 | | 98.0 | 98.7 | 98.8 | 99.3 | 99.3 | 09.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 8001 | | 98.0 | 98.7 | 98.8 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | | | | | | | | | | | | | | | | | |
| GE | 7001 | | 98.0 | 98.7 | 98.8 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99 • 6 |
| GE | 6001 | | 98.0 | 98.7 | 98 • 8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99 • 8 |
| | | | | | | | | | | | | | | | | | |
| GE | 5001 | | 98.1 | 98.8 | 99.0 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GΕ | 400 | | 98.1 | 98.8 | 99.0 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100-0 | 100.0 | 100.0 |
| 6E | 3001 | | 98.1 | 98.8 | 99.0 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2001 | | 98.1 | 98.8 | 99.0 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1001 | | 98.1 | 98.8 | 99.0 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| O. | 1001 | | 70.1 | ,,, | 44.0 | 77.1 | 7 7 0 | 7707 | ,,,, | ,,,, | ,,,,, | ,,,, | ,,,, | 40000 | | 10010 | 100.0 |
| | _ • | | | | | | | | | | | | | _ | | | |
| GΕ | 01 | | 98.1 | 98.8 | 99.8 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 HONTH: NOV HOURS (LST): 1200-1400 VISIBILITY IN STATUTE HILES CE IL ING IN I GE 38 GE 5 GE 4 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 6E 6 E GE 6E GE GE 10 6 1 3/4 5/8 1/2 5/16 1/4 n NO CEIL I 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8 GE 200001 GE 180001 73.7 73.7 73.7 73.8 73.8 75.1 76.2 79.7 73.8 73.8 73.8 75.1 73.8 73.8 73.8 73.8 73.A 75.1 76.2 79.7 75.1 76.2 79.7 75.1 76.2 79.7 75.0 76.1 75.0 76.1 75.1 76.2 75 .1 76 .2 75.0 75.0 75.0 75.1 76.2 79.7 75.1 76.1 79.6 76.1 79.6 76.2 79.7 76.1 76.2 76·2 79·7 79.6 83.8 GE 140001 79.6 83.8 GE 12nnal 83.8 A3.9 83.8 83.8 84.0 84.0 84.1 84.1 84.1 84.1 GE 100001 87.7 87.7 87.9 87.9 88.1 87.7 87.7 87.7 87.7 88.0 88.0 88.1 88.1 88.1 88.1 GΕ 87.7 90001 87.7 91.1 87.7 87.7 88.0 91.7 88.0 91.7 88.1 91.8 88.1 88.1 91.8 88.1 91.8 86 - 1 91 - 8 88.1 88.1 GF 91.1 ADDOL 91.3 91.3 91.3 91.6 91.8 GE 70001 91.6 91.8 92.0 92.3 92.1 92.4 91.8 92.1 92.2 92.2 92.2 92.2 92.2 92.2 92.2 6000 92.4 92.6 92.6 92.6 92.6 92.6 92.6 92.6 GΕ 50001 92.2 92.3 92.6 92.6 92.6 92.8 92.9 92.9 93.0 93.0 93.0 93.4 94.9 93.0 93.0 93.0 93.4 93.0 93.0 94.3 95.6 93.4 93.4 GE GE 92.7 92.8 93.D 94.3 93.0 94.3 93.4 93.4 93.4 45001 93.2 93.3 93.3 40001 94 . 6 95 . 8 94.7 94.7 94.9 GE GE 35001 95.3 95.9 96 • 1 97 • 6 96.1 96.1 96.1 96.1 96.1 96 • 1 97 • 6 30001 96.3 97.0 97.0 97.2 97.6 97.7 97.7 GF 25001 96.3 96.3 96.8 96.9 97.0 97.0 97.0 97.2 97.3 97.3 97.6 97.6 97.6 97.6 97.6 97.1 97.1 97.7 97.7 20001 97.1 97.1 97.3 97.3 97.7 97•1 97•1 97.4 97.4 97.7 97.7 97.7 97.7 97.7 97.7 97.7 GE 1800 96.3 96.9 97.4 97.4 GΕ 15001 97.0 97.9 97.9 97.9 98.1 98.2 98.2 98.4 99.3 98.4 99.3 98.4 98.4 98.4 98.4 98.4 99.0 99.1 1200 99.3 99.3 99.3 99.3 99.3 GE 10001 97.6 98.2 98.7 99.2 98.8 99.2 99.4 99.4 99.4 98.8 99.1 99.4 99.4 99.4 99.4 GF 9001 97.6 97.6 98.2 98.2 98.7 98.7 98.8 98.8 99.1 99.2 99.2 99.3 99.3 99.4 99.6 99.6 99.4 99.4 99.4 99.4 99.4 99.4 G₽ 99.6 99.6 99.6 99.6 99.6 99.6 GĒ 7001 98.7 99.6 99.7 99.6 99.6 G€ 6001 97,6 98.2 98 . 7 98.8 98.8 99.2 99.3 99.7 99.7 GE 5001 97.6 98.2 98.7 98.8 98.8 99.2 99.3 99.3 99.9 99.9 99.9 99.9 99.9 4001 97.6 98:2 98.7 98.9 99.3 99.4 99.4 99.4 98.9 100.0 100.0 GE GE 100.D 100.0 100.0 100.0 100.0 300 97.6 98.2 98.7 98.9 98.9 99.3 99.4 100.0 100.0 100.0 100.0 100.0 100.0 GĒ 98.2 98.2 98.9 99.3 99.4 99.4 98.7 98.9 100.0 100.0 100.0 100.0 100.0 1001 99.3 100.0 98.9 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 01 97.6 98.2 98.7 98.9 98.9 99.3 99.4 99.4 100.0 180.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| CEILING IN GE GE GE GE GE GE GE GE GE GE GE GE GE | 7 2 3 3 3 3 3 3 |
|---|---|
| CEILING IN GE GE GE GE GE GE GE GE GE GE GE GE GE | 7 2 3 3 3 3 3 3 |
| IN GE | 7 2 3 3 3 3 3 3 |
| FEET 10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 C NO CEIL 58.7 58.7 58.7 58.7 58.7 58.7 58.7 58.7 | 7 2 3 3 3 3 3 3 |
| NO CEIL 58.7 58.7 58.7 58.7 58.7 58.7 58.7 58.7 | 7 2 3 3 3 3 3 3 |
| GE 200001 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72. | 2 3 3 3 3 3 |
| GE 200001 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72. | 2 3 3 3 3 3 |
| GE 200001 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72. | 2 3 3 3 3 3 |
| GE 180001 74.0 <td>3 2 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</td> | 3 2 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| GE 180001 74.0 <td>3 2 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</td> | 3 2 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| GE 16000 75.3 75.2 78.2 78.2 78.2 78.2 | 3 2 3 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |
| GE 190001 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87. | 2 3 3 |
| GE 120001 83.8 83.8 83.8 83.8 83.8 83.8 83.8 83. | 3 3 |
| GE 10000 87.8 87.8 87.8 87.8 87.8 87.8 87.8 | 3 |
| GE 90001 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87. | 9 |
| GE 90001 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87. | 9 |
| GE 80001 90.4 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 | |
| GE 70001 90.6 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 | |
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| GE 60001 90.6 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 | j |
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| GE 50001 90.9 91.1 91.1 91.1 91.1 91.1 91.1 | i |
| GE 4500 91.1 91.3 91.3 91.3 91.3 91.3 91.3 91.3 | Š |
| GE 40001 92.6 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 | ŝ |
| GE 35001 94.0 94.4 94.4 94.4 94.4 94.4 94.4 94.4 | |
| 6E 3gggl 95.7 96.1 96.2 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 | |
| | |
| GE 25001 95.9 96.3 96.4 96.6 96.6 96.6 96.6 96.6 96.6 96.6 | 5 |
| GE 2000 96.0 96.4 96.6 96.7 96.7 96.7 96.7 96.7 96.7 96.7 | |
| GE 1800 96.0 96.4 96.6 96.7 96.7 96.7 96.7 96.7 96.7 96.7 | |
| GE 15001 96.6 97.2 97.3 97.6 97.6 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.8 | |
| GE 12001 97.2 98.0 98.3 98.6 98.6 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 | |
| | • |
| GE 1000! 97.2 98.2 98.6 98.8 98.8 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 | , |
| GE 9001 97,3 98.3 98.7 98.9 98.9 99.2 99.3 99.3 99.3 99.3 99.3 99.3 99 | |
| GE 8001 97.6 98.6 98.9 99.1 99.1 99.6 99.6 99.6 99.6 99.6 99 | |
| GF 7001 97.7 98.7 99.0 99.2 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 | |
| GE 6001 97.7 98.7 99.0 99.2 99.2 99.8 99.8 99.8 97.8 99.8 99.8 99.8 99.8 | |
| uc duli 7101 7001 7700 7700 7700 7700 7700 770 | • |
| GE 5001 97.8 98.8 99.1 99.3 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 | 1 |
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| 66 400) 97.8 98.8 99.1 99.3 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 66 300} 97.8 98.8 99.1 99.3 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 | |
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| 6E 100i 97.8 98.8 99.1 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 | , |
| SE 01 97.8 98.8 99.1 99.3 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 | |
| ec 01 7100 7050 7701 9903 7703 7709 10000 10000 10000 10000 10000 10000 10000 10000 10000 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: NOV HOURS(LST): 1800-2000 CE IL ING VISIBILITY IN STATUTE MILES IN | FEET | GE 6E 1 1/2 GE GE GE GF 1 1/4 3 2 1/2 2 3/4 5/8 1/2 5/16 1/4 n NO CEIL I 56.9 56.9 56.9 56.9 56.9 56.9 56.9 GE 200001 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 72.8 74.2 76.7 72.8 74.2 72.8 74.2 GE 180001 GE 160001 72.8 72.8 72.8 72.8 72 ·8 74 ·2 72.8 72.8 72.8 72.8 72 . 8 74.2 74 · 2 76 · 7 74.2 76.7 74.2 74.2 74.2 74.2 74.2 74.2 GE 140001 GE 120001 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 80.6 80 . 6 80.6 80.6 80.6 80.6 80 . 6 80.6 80.6 80.6 80.6 GE 100001 85.9 86.D 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 90001 86.0 86.1 86.1 86.1 86.1 86.1 86.1 86 .I 90 .0 86.1 86.1 90.0 86.1 86.1 86.1 86.1 86.1 8000 I 89.8 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.3 90.6 90.3 90.6 90 • 3 90 • 6 90.3 90.6 GE 90.3 90.3 90.3 90.3 90.3 90.3 60001 90.6 90.6 90.6 90.5 90.6 90.6 93.6 90.7 50001 90.7 90.7 GΕ 90.3 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 99.7 98.7 90.7 90.7 90.7 90.7 91.9 90.7 90.7 90.7 90.7 91.9 90.7 90.7 GF 4500 90.3 90.7 90.7 90.7 GΕ 91.9 40001 91.6 91.9 91.9 93.6 93.6 95.4 93.6 95.4 3500 93.2 93.6 93.6 GE 30001 94.7 95.2 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 GE 25001 95.2 95.4 95.4 95.4 95.4 95.4 95.6 95.4 95.4 95.4 94.7 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.6 95.4 95.4 95.4 95.6 20001 95.2 95.4 95.4 95.4 95.4 95.4 95.4 94.7 94.8 95.4 95.6 95.4 95.6 GE iapol 95.3 95.6 96.7 95 • 6 95.6 95.6 97.0 97.0 GE 15001 97.0 97.0 97.0 95.7 96.3 96.8 96.8 97.0 97.0 97.0 97.0 97.0 12001 GE 10001 97.1 98.1 98.7 98.9 98.9 99.1 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 98.9 99.0 99.0 GE GE 9001 97.2 98·1 98·2 98.7 98.8 98.9 99.1 99.1 99.1 99.2 99.2 99.2 99.3 99.2 99.2 99.2 99.2 99.3 GE GE 7001 99.0 99.2 99.4 99.Z 99.6 99.3 99.3 99.3 98.2 98.8 99.2 99.6 99.3 99.3 99.3 99.3 97.2 98.2 98.8 99.2 99.7 99.7 99.7 99.7 99.8 99.8 99.9 GE 97.2 97.2 97.2 97.2 99.7 99.8 Snol 98.3 98.9 99.2 99.3 99.6 99.7 99.8 99.6 99.8 99.8 99.8 98.3 98.3 98.3 98.9 98.9 98.9 99.3 99.3 99.3 99.8 4001 99.7 99.7 99.8 99.8 99.2 99.2 99.2 99.6 99.6 99.9 99.8 99.8 99.8 99.9 99.9 99.9 GE 3001 99.9 1005 99.9 99.9 99.9 99.6 1001 98.3 98.9 99.2 99.3 99.8 99.9 99.9 98.3 01 99.3 99.7 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| 51 | ATION | NU | MBER: | 912180 | STATI | ON NAME: | A NO E | RSEN AFB | SUAM | | | | | OF REC | | | 2100-23 | 100 |
|-----|---------|-----|-----------|---------------|-------|---------------|-----------|-------------------|-------------|-------|-----------------|---------------|-------|---------------|---|---------|-------------|-------------------|
| | LING | | • • • • • | • • • • • • • | •••• | • • • • • • • | • • • • • | • • • • • • • • • | | | IN STATE | | | ••••• | • • • • • • • | ••••• | | • • • • • • • • • |
| | IN | ı | GE | GE | GE | 68 | 6 E | G€ | 6E | GF | 47 S [7] | 6E | GE | GE | GE | GE | GE | GE |
| | ET | i | 10 | 6 | 5 | 4 | 3 | - | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| | | | | | | | | | • • • • • | | | | | | | | | |
| | | | | | | | | | | | | • • • • • • • | | | | | | |
| NO | CEIL | 1 | | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 57.7 | 57.2 | 52.2 |
| GΕ | 2000 | 01 | | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| 6E | 1800 | al | | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE | 1600 | 01 | | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72,9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE | 1400 | οi | | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74 .6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 6E | 1200 | 0 (| | 78.7 | 78.7 | 78 • 7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE | 1000 | 01 | | 84.0 | 84.0 | 84 . 0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 64.0 | 64.0 | 84.0 | E4.0 |
| GE | 900 | 01 | | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84 .2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ĞΕ | 800 | 0 t | | 88.7 | 88.8 | 86.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 8 • 8 9 | 88.8 | 86.8 |
| GE | 700 | ٥ĺ | | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE | 600 | 01 | | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE | 500 | 0 | | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 68 | 450 | 01 | | 89.8 | 89.9 | 90 • 0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90-1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GΕ | 400 | οÌ | | 91.D | 91.1 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GΕ | 350 | 0 | | 92.7 | 92.9 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE | 300 | 01 | | 94.1 | 94.7 | 94.9 | 95.1 | 95.1 | 95.3 | 95.3 | 95 • 3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE | 250 | 01 | | 94.2 | 94.8 | 95.0 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE | 200 | 10 | | 94.3 | 94.9 | 95.1 | 95.3 | 95.3 | 95.6 | 95.6 | 95 .6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE | 180 | 10 | | 94.3 | 94.9 | 95 • 1 | 95.3 | 95.3 | 95.6 | 95.6 | 95 .6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE | 150 | 10 | | 95.4 | 96.1 | 96.3 | 96.7 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ĢΕ | 120 | 01 | | 96.6 | 97.6 | 97.8 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98 • 7 | 98.8 | 98.8 | 98 • 8 | 98.6 | 98.8 | 98.8 |
| GE | 100 | 01 | | 96.7 | 97.8 | 98 - 1 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE | 90 | 01 | | 96.7 | 97.8 | 98 • 1 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE | 8 0 | 01 | | 96.7 | 97.8 | 98.1 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GΕ | 70 | 01 | | 96.7 | 97.9 | 98.2 | 98.9 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GΕ | 60 | 0) | | 96.7 | 97.9 | 98.2 | 98.9 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 50 | αl | | 96.8 | 98.0 | 98.3 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 40 | | | 96.8 | 98.0 | 98.3 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6E | 30 | | | 96.8 | 98.0 | 98.3 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 20 | | | 96.8 | 98.0 | 98.4 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ĞĒ | 10 | ٥į | | 96.8 | 98.0 | 98 - 4 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 01 | | 96.8 | 98.0 | 98.4 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • | • • • • | | • • • • • | | ••••• | ••••••• | •••• | • • • • • • • • | • • • • • • | ••••• | • • • • • • • • | | | • • • • • • • | • | | • • • • • • | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

| SŦ | STATION NUMBER: 912180 STATION NAME: AMDERSEN AFB G | | | | | | GUAM | | | | | OF REC | ALL | | | | | | |
|-------|---|-------|-------------|-------------|-------|-------------------|-----------|-------------------|--------------|-------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|-----|
| ĊĖ | ILING | ••• | • • • • • | • • • • • • | ••••• | •••••• | • • • • • | • • • • • • • • • | | | IN STAT | | | • • • • • • • | • • • • • • | ••••• | • • • • • • | ••••• | • • |
| | IN | 1 | 6 E | GΕ | GΕ | GE | GΕ | GE | GE | GE | GF | GE GE | GE | GE | GE | GE | GE | GE | |
| F | EET | ì | 10 | 6 | 5 | 4 | | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ٥ | |
| • • • | | | | • • • • • • | | | • • • • • | | | | | | | | | ••••• | | ••••• | |
| NO | CEIL | i | | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56 .2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56 • 2 | |
| GE | 2000 | 01 | | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71 - 7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | |
| G€ | 1800 | 01 | | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73-1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | |
| | 1600 | | | 74.0 | 74.0 | 74 - 0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | |
| | 1400 | | | 76.4 | 76.4 | 76 - 4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76 - 5 | |
| GE | 1200 | 01 | | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | |
| GE | 1000 | | | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | |
| 6E | 900 | | | 86.1 | B6.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | |
| GE | 8001 | | | 90.0 | 90.2 | 90.2 | 90.2 | 90•2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | |
| GE | 700 | | | 90.2 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | |
| GE | 600 | U | | 90.4 | 90.7 | 90.7 | 90.8 | 90.8 | 90 • 8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 98.8 | 90.8 | |
| GE | 5001 | 01 | | 90.6 | 91.0 | 91.3 | 91.0 | 91.0 | 91.1 | 91.1 | 91-1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | |
| 6E | 4500 | 10 | | 90.9 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 01.3 | 91.3 | 91.3 | |
| G€ | 4000 | 0 (| | 92.2 | 92.5 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | |
| GE | 3500 | | | 93.7 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| GE | 300 | αŧ | | 95.3 | 95.8 | 96 - 1 | 96.2 | 96.2 | 96,2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | |
| GE | 2501 | n 1 | | 95.5 | 96.0 | 96.2 | 96.3 | 96.3 | | 96.4 | | | | | . | | | | |
| GE | 20g | | | 95.6 | 96.1 | 96 • 4 | 96.5 | 96.5 | 96.4 96.5 | 96.6 | 96.4 96.6 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | |
| GE | 180 | | | 95.6 | 96.2 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 96.6 | 96.6 96.6 | 96.6 96.6 | 96.6 96.6 | 96.6 | 96.6 | 96.6 | |
| GE | 150 | | | 96.4 | 97.2 | 97.4 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 96.6 97.9 | 96.6 97.9 | 96.6 | |
| GE | 120 | -: | | 97.2 | 98.0 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 97.9 99.0 | |
| | | | | | | | | | | ,,,,, | | **** | ,,,, | 7710 | ,,,, | ,,,, | ,,,, | 77 . U | |
| GE | 100 | | | 97.3 | 98.2 | 98.7 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ĢE | 900 | | | 97.3 | 98.3 | 98 • 7 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE | 801 | - • | | 97.4 | 98.3 | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GΕ | 701 | | | 97.4 | 98,4 | 98.8 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| GE | 601 | u) | | 97.4 | 98.4 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| GE | 500 | 01 | | 97.5 | 98.5 | 99.0 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 400 | 01 | | 97.5 | 98.5 | 99.0 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| GE | 300 | | | 97.5 | 98.5 | 99.0 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100-0 | 100.0 | 100.0 | |
| GE | 200 | 10 | | 97.5 | 98.5 | 99.0 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 100 | i o | | 97.5 | 98.5 | 99.0 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | ı | 01 | | 97.5 | 98.5 | 99.0 | 99.4 | 99.5 | 99.8 | 99.8 | 99 .8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| ••• | •••• | • • • | • • • • • • | ••••• | ••••• | • • • • • • • • • | •••• | | • • • • • | • • • • • • | | • • • • • • | • • • • • • | • • • • • • | • • • • • • | ••••• | | | • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
HONTH: DEC HOURS(LST): 0000-0200

| | | | | | | | | | | HONTH: DEC | | | ************************************** | | | | |
|------|--------|----|------|--------|--------|-------------|-------|--------|-------|------------|--------|-------|--|-------|-------|-------|--------|
| CE I | LING | | | | | | | | | IN STAT | | .Es | ••••• | | | | |
| | N I | GΕ | GE | GE | GE | GE_ | 6E | GE | GE | GE | GE | 6E | GE | GE | GE | GE | GE |
| | ET 1 | 10 | 6 | 5 | 4 | | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | |
| | | | | | | | | | | | | | | | | | |
| NO | CEIL I | | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 6D - 2 | 60.2 | 60 •2 | 60 • 2 | 60.2 | 63.2 | 60.2 | 60.Z | 60.2 | 60.2 |
| GE | 200001 | | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE | 180001 | | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE | 160001 | | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE | 140001 | | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE | 12000 | | 78.6 | 78.6 | 78 • 7 | 78.7 | 78.7 | 76.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE | 100001 | | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| GΕ | 90001 | | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| GΕ | 80001 | | 85.8 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86 • 1 |
| GE | 70001 | | 86.2 | 86.5 | 86 • 6 | 86.6 | 86.6 | 86.6 | 86.6 | 36.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GΕ | 60001 | | 86.9 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 67.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| | | | | | | | | | | | | | | | | | |
| GE | 50001 | | 87.3 | 87.5 | B7 • 6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE | 4500 | | 87.3 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE | 40001 | | 89.0 | 89.5 | 89 - 6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89 • 6 |
| GE | 35001 | | 90.6 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE | 30001 | | 92.6 | 93.4 | 93.5 | 93.5 | 93,5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE | 25001 | | 92.7 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE | 20001 | | 93.1 | 94.1 | 94 . 2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GΕ | 18001 | | 93.1 | 94.1 | 94 . 2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE | 1500 | | 94.8 | 95.8 | 95.9 | 96.0 | 96. G | 96.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE | 12001 | | 96.2 | 97.6 | 97.8 | 98.0 | 98.0 | 98,0 | 98.0 | 98.0 | 98 • 0 | 98.D | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE | 10001 | | 97.1 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GΕ | 9001 | | 97.1 | 98 • 8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GΕ | 8001 | | 97.1 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GΕ | 7001 | | 97.2 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| G€ | 6001 | | 97.2 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 1 | | | | | | | | | | | | | | | | |
| GE | 5001 | | 97.3 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 4001 | | 97.3 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3001 | | 97.3 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2001 | | 97.3 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1001 | | 97.3 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 01 | | 97.3 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | • • • • • • | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS:

930

PERCENTAGE FREQUENCY OF UCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: DEC HOURS(LST): 0300-0500 G VISIBILITY IN STATUTE MILES CEILING E GE GE GE GE GE 3 2 1/2 2 1 1/2 1 1/4 1 IN | FEET | GE GE GE GE GE GE 5 1 3/4 10 5/8 1/2 5/16 1/4 0 NO CEIL I 58.8 58.8 56.8 58.8 58.8 58.8 58.8 58.8 58.8 58.8 58.8 58.8 58.8 58.8 58.8 GE 200001 73.0 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 74.4 73.2 73.2 74.4 73.2 73.2 6E 180001 74.4 74.4 74 .4 74.4 74.6 74.4 74.4 74.4 74.2 74.4 74.4 74 .4 74.4 74.4 GE 160001 74.4 74.6 74.6 74.6 74.6 74.6 74 .6 74.6 76.6 74.6 74.6 76.6 74.6 76.6 74.6 74.6 74.6 76.6 76.6 76.6 76.6 140001 76.3 76.6 76.6 76.6 76.6 76.6 76.6 120001 80.4 80.4 80.2 80.4 80.4 GE 100001 84.0 84.0 GE GE 84.1 87.1 84.1 87.1 84 · 1 87 · 1 84.1 87.1 84.1 84 · 1 87 . 1 84 - 1 90001 83.8 84.0 84.1 84.1 84.1 84.1 84.1 84.1 8000 87.0 87.1 86.8 67.1 87.1 87.1 87.1 87.1 GE 70001 87.5 87.6 87 -6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 10000 GE 87.6 88.0 87.8 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 GΕ 50001 88.1 88.3 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.5 88.2 88.5 GE 45001 88.4 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 GE 90.2 91.3 90.4 90.5 90.5 90.5 91.7 40001 90.5 90.5 90.5 90.5 90.5 90.5 90.5 35001 91.7 GE 30001 93.3 94.3 94.5 94.5 93.7 94.3 94.5 GE 25001 93.9 94.2 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.5 94.5 94.5 94.5 94.5 GE 20001 93.8 93.8 94.1 94.4 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 GE 18001 94.1 94.4 94.5 94.5 94.5 94.5 94.5 15001 97.2 98.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 GE 95.6 96.3 96.8 97.2 97.2 97.2 97.2 12001 98.2 GΕ 98.2 GE 10001 96.7 97.7 98.2 98.8 98.8 98.8 98.8 98 .8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 GE GE 98.9 98.9 98.9 900 96.8 97.8 97.8 98.3 98.4 98.9 98.9 98.9 98.9 98,9 98.9 98.9 98.9 8001 99.0 99•0 99•0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 7001 99.0 99.0 99.0 99.0 99.0 99.1 99.I GE 6001 96.8 97.A 98.4 99.0 99.0 99.0 99.0 99.0 99.0 99.1 99.1 GE 5001 97.0 98.1 98.6 99.2 99.2 99.2 99.2 99.2 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.4 99.6 99.6 99.8 GE 98.1 98.2 98.7 98.9 99.4 99.6 99.5 99.5 99.5 99.8 99.8 99.8 99.8 4001 97.0 99.4 99.8 99.7 100.0 GE 300 97.1 99.6 99.7 99.7 100.0 100.0 100.0 100.0 100.0 2001 97.1 98.2 98.9 99.6 99.7 99.7 6Ē 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 01 99.6 99.7 100.0 100.0 100.0 100.0 100.0 100.0 98.2 99.6 99.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| ST | NOITA | NUP | 18ER: | 912180 | STATI | ON NAME: | ANDE | RSEN AFB | GUAM | | | | PERIOD | OF REC | ORD: 78 | -87 | | |
|-----|-----------|---------|-----------|-----------------|-------------|---------------|-------------|-------------------|---------------|-------------|-------------|---------|-----------|--------------|-------------|--------|---------------|-----------------|
| | | | | | | | | | | | | | HONTH | : DEC | HOURS | (LST1: | 0600-06 | 100 |
| | | • • • • | • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • • • | | ***** | ***** | | ::•••• | | • • • • • • | ••••• | • • • • • • • | ••••• |
| | LLING | | GE | GΕ | GE | 32 | GE | 6£ | QE A 1 > 1 | | IN STATE | | | GE | GE | GE | GΕ | GΕ |
| | IN Eet | i | 10 | υ <u>ε</u> 6 | 5 | 95 | 3 | 2 1/2 | | 6g 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ٥٤ |
| | | - | | | | | - | | - | | | | | | | | | • • • • • • • • |
| ••• | | •••• | | | | | | | • • • • • • | ••••• | | | | | | | | |
| NO | CETL | ŧ | | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| | | - | | | | | | | | | | * | | | • | - | | |
| 6E | 20000 | 10 | . 1 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| GΕ | 18001 | o i | . 1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 76.3 |
| GE | 16000 | ŌΙ | . 1 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 73.8 | 70.8 | 70.8 | 70 - g | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| GE | 14000 | 01 | . 1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE | 1200 | 01 | . 1 | 77.5 | 77.5 | 77+5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| | | | | | | | | | | | | | | | | | | |
| GE | 10000 | 0 l | . 1 | 82.0 | 82.2 | 82 • 2 | 82.2 | 82.2 | 82.2 | 82.2 | B2 • 2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE | 9000 | 0 (| . 1 | 82.g | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| G€ | 8001 | 01 | . 1 | 85.8 | 86.D | 86.D | 86.0 | 86.0 | 86.1 | 86.1 | 86 . 1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| G€ | 7000 | 01 | .1 | 85.9 | 86-1 | 86 - 1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE | 6000 | 01 | . 2 | 84.6 | 86.8 | 86.8 | 86,8 | 86-8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| | | | | | | | | | | | | | | | | | | |
| GE | 500 | | - 1 | 87.3 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE | 4500 | | • l | 87.4 | 87.6 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87+8 | 87.8 | 87.8 | 87.8 |
| GÉ | 4000 | | • l | 89.8 | 90.1 | 90 • 1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90 • 3 |
| 6E | 3500 | | • 1 | 91.6 | 91.9 | 91.9 | 92.0 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GΕ | 3000 | 01 | • 1 | 93.5 | 94.2 | 94 • 2 | 94.3 | 94.3 | 94.6 | 94 • 6 | 94 -6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GΕ | 250 | a 1 | .1 | 93.9 | 94.5 | 94.5 | 94.6 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | - 4 0 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE | 200 | | | | 94.7 | 94.7 | 94.8 | 94.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 94.9 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE | 180 | | • 1 | 94.1 94.3 | 94.9 | | 95.1 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GΕ | 150 | | . 1 | 95.3 | 95.9 | 94.9 95.9 | 96.1 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE | 120 | | • 1 | 95.6 | 96.5 | 96.7 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE | 120 | | • 1 | 73.0 | 7013 | 70 . 7 | 71.0 | 71.0 | 7/63 | 71.5 | 77.3 | 97.3 | 71.03 | 71.3 | 71.5 | 7 3 | 71.5 | ,,,, |
| 6E | 100 | n ı | -1 | 96.5 | 97.4 | 97.7 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99 • D |
| GE | 90 | | • 1 | 96.5 | 97.4 | 97.7 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GΕ | 901 | | . 1 | 96.5 | 97.4 | 97.7 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE | 70 | | • 1 | 96.5 | 97.5 | 97.8 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE | 601 | | . i | 96.5 | 97.5 | 97.8 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ~- | • | •• | • • | , | | | ,,,, | , | ,,,, | | ,,,,, | .,,1 | • • • • | ,, | ,,,, | | | ., |
| GΕ | 501 | 01 | - 1 | 96.7 | 97.7 | 98.1 | 98 -8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 38 | 401 | | • 1 | 96.7 | 97.7 | 98.1 | 98 • 8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 30 | | - 1 | 96.7 | 97.7 | 98.1 | 98.8 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 201 | | -1 | 96.7 | 97.7 | 98.1 | 98.8 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ĞĒ | 10 | 01 | • 1 | 96.7 | 97.7 | 98.1 | 98.8 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | - | | | | | | | | | | | | | | | | |
| 6E | 1 | 01 | • 1 | 96.7 | 97.7 | 98 - 1 | 98 . 8 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | . | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 MONTH: DEC HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CEILING IN | GE FEET | 10 Œ 6E GE GE 2 1 1/2 1 1/4 GE 6 F GF GΕ SF GF GF GE 3 2 1/2 1/4 3/4 5/8 1/2 5/16 Ð 5 NO CETL I 56.9 56.9 56 . 9 GE 200001 58.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 69.4 70.0 69.4 69 • 4 70 • 0 69.4 69.4 70.0 69.4 69.4 69.4 69.4 69.4 70.0 69.4 69.4 69.4 69.4 69.4 SE ISOCOL 16700 71.8 75.8 71.8 75.8 71 -8 75 -8 SE 120001 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 83.0 83.1 86.7 GΕ 100001 82.9 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.D 83.1 83.0 83.0 83.0 83.1 86.7 83.1 GĒ 90001 83.1 83.1 83.1 83.1 86.7 83.1 86.7 83.1 86.7 83.1 83.1 86.7 83.1 GΕ 80001 86.5 86.7 86.7 86 - 7 86 -7 86.7 86.7 GF 70001 86.6 86.8 86.8 86.8 86.8 86.8 86 . R 86.8 86.8 86.8 86.8 86 . R 86.8 86.8 86.8 60001 87.4 50001 87.6 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 88.2 89.6 92.7 GΕ 45001 40001 88.G 89.2 88.2 88.2 88.2 89.6 88.2 88.2 88.2 89.6 88.2 88.2 88.2 88.Z 89.6 88.2 88.2 88.2 89.6 89.6 92.7 89.6 GE 92.4 92.7 92.7 92.7 35001 GF 30001 94.1 94.5 94.9 95.1 95.1 95.1 95.1 95.5 95.5 GF 25001 94.5 94.9 95.4 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 GE 94.7 95.3 95.8 95.9 95.9 96.2 95.9 95.9 96.2 95 •9 96 •2 95.9 96.2 95.9 95.9 95.9 95.9 95.9 95.9 2nnn1 1800 95.1 95.6 96.1 96.2 96.2 96 . 2 96.2 96.2 96.2 96.2 96.2 15001 95.5 96.9 98.4 97.1 98.6 6F 96.2 96.8 96.9 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.4 98.2 6E 10001 97.1 98.1 98.8 99.0 99. D 99.2 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.Z 99.2 99.2 99.2 97.1 97.1 98.1 98.8 99.0 99.0 99.0 99.2 99.2 99.2 99.2 99.4 99.4 99.4 GE GE 9001 99.2 99.4 8001 99.4 97.1 7001 98.1 98.8 99.0 99.0 GE 6001 98.8 99.0 ΘE 5001 97.2 98.3 99.0 99.2 99.2 99.5 99.5 99.5 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.6 99.6 99.7 99.7 GE 4001 97.2 98.4 99.1 99.4 99.4 99.4 99.4 99.6 99.8 99.8 99.8 99.8 99.1 99.1 99.1 97.2 98.4 99.9 99.9 99.9 3001 99.4 99.7 99.8 99.9 99.9 100.0 GE 2001 99.6 99.7 100.0 1001 99.6 100.0 100.0 99.7 99.7 100.0 100.0 6E 01 98.4 99.1 100.0 99.6 99.7 99.7 99.8 99.9 100.0 100.0 100.0 99.4 99.4 99.9

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB | | | | | | GUAM | | | | | | | | | | |
|---|-------------------|-------|-----------------|-------------|---------------|---|-------|---------|--------|-------|---------------|---------------|--------|---------------|----------|--|
| | | | | | | | | | | | : DEC | | (LST): | - | | |
| CEILING | • • • • • • • • • | ••••• | ••••• | • • • • • • | • • • • • • • | | | IN STAT | | | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | | |
| IN G | GE . | 38 | GE | GE | GE. | 6£ | GE | GE | GE | GE | GE | GE | GE | GE | GE | |
| | 0 6 | 5 | 4 | | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | ٥ | |
| ********** | | | • • • • • • • • | | | . <i></i> | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| NO CEIL I | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | |
| 66 200001 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | |
| GE 180001 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | |
| 6E 160001 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | |
| GE 140001 | 75.7 | 75.8 | 75 .8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | |
| 6E 120001 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | |
| GE 100001 | 83.4 | 83.5 | 63.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | |
| 6E 90001 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | |
| GE 80001 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 67.1 | 87.1 | |
| 6E 70001 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | |
| 6E 60001 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | |
| GE GOOG! | 0.42 | 0.00 | 0.45 | 0 | 0.03 | 0.43 | 0.43 | 0 | 0,13 | 0,103 | 0 | 0.03 | 0.43 | 0.03 | | |
| GE 50001 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | |
| GE 45001 | 88.4 | 88.5 | 88.5 | 88 - 5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | |
| GE 40001 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90 • 5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | |
| GE 35001 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | |
| GE 30001 | 93.5 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | |
| GE 25001 | 93.8 | 94.1 | 94 - 1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| GE 20001 | 93.9 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | |
| GE 1800 | 93.9 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | |
| GE 15001 | 94.7 | 95.0 | 95.0 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| GE 12001 | 96.6 | 97.1 | 97.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98 • 3 | |
| | | | | | | | | | | | | _ | | | | |
| GE 1000 | 97.0 | 97.5 | 97.7 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99 • 1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | |
| GE 9001 | 97.0 | 97.5 | 97.7 | 98.7 | 98.8 | 99.0 | 99-0 | 99.0 | 99 • 1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | |
| 6E 8001 | 97.2 | | 98.0 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| GE 7001 | 97.3 | 97.8 | 98.1 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | |
| GE 6001 | 97.5 | 98-1 | 98.3 | 99 • 2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99,7 | 99,7 | 99.7 | |
| GE 5001 | 97.6 | 98.2 | 98.4 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| GE 4001 | 97.6 | 98.2 | 98.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.n | 100+0 | 100.0 | |
| GE 3001 | 97.6 | 98.2 | 98.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 2001 | 97.6 | 98.2 | 98.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE 1001 | 97.6 | 98.2 | 98.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| 6E 01 | 97.6 | 98.2 | 98.4 | 99.5 | 99.6 | 99.9 | 99.9 | 00.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1.00 - D | |
| 06 01 | 71.0 | 70.2 | 70 • 7 | 77,5 | | ,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 99.9 | 100.0 | | | | | | 100.0 | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM HOURS (LST): 1500-1700 HONTH: DEC CEILING VISIBILITY IN STATUTE MILES 6E Œ GE 2 6E GΕ GE GF GF GF GF БE GΕ FEET 1 1/2 1 1/4 3 2 1/2 D 10 5 1 3/4 5 / 8 1/2 5/16 1/4 NO CEIL I 57.6 57.6 57,6 57.6 57.6 57.6 70.9 72.3 72.9 76.1 G€ 200001 70.4 70.9 73.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 72.3 GE 16000 71.8 72.3 72.3 72.3 72.9 72.3 72.3 72.3 72.9 72.3 72.3 72.3 72.3 72.5 72.9 76.1 72.9 72.9 72.9 72.9 GE 140001 76.1 76.1 76-1 GE 120001 79.2 79.8 84.2 6E 100001 83.7 84.2 84 . 2 84 .2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 90001 83.7 85.9 84.2 86.5 GE 84.2 84.2 84.2 Au. 2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 86,5 86.5 86.5 86.5 86 .5 86.5 86.5 86.5 66.5 86.5 86.5 86.5 86.5 86.6 70001 86.0 86 . 6 86.6 86.A 44.48 86.6 86.6 60001 GF 86.0 86.6 86.6 86.6 GE 50001 87.1 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 67.7 87.7 87.7 87.7 A7.7 88.3 88.3 88.3 89.7 91.7 88.3 89.7 88.3 69.7 GE GE 87.6 86.3 89.7 91.7 88.3 88.3 88.3 4500) 88.3 88.3 89.7 68.3 8g.3 89.7 91.7 40001 89.7 91.7 35001 91.0 91.7 91.7 GE GE 30001 92.4 GΕ 25001 92.5 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 94.2 94.2 95.7 93.1 93.1 94.1 94.1 94.1 94.1 94 . 2 94 . 2 94.2 94.2 94 . 2 94 . 2 94.2 94.2 94.2 94.2 20001 94 .2 94.2 94.2 94.2 94.2 18001 94.2 94.2 94.2 94.2 GE GE 95.7 1500 94.5 95.5 95.5 95.6 95.6 95.7 95.7 95.7 95.7 95.7 95.7 95.7 12001 96.3 97.8 97.8 98.D 98.0 98.4 98.4 98.4 98.4 98.4 10001 98.4 98.6 98.7 99.0 98.9 98.9 99.0 99.0 99.0 99.0 GE 96.9 98.4 98.6 98.7 98.8 99.0 99.0 99.3 98.5 98.9 99.0 99.4 99.4 99.1 99.5 99.5 6E 9001 97.0 98.5 99.0 99.1 99.1 99.0 GE 8001 97.1 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 98.8 99.0 99.4 99.5 7001 97.1 98.8 99.5 99.5 99.5 GE 6001 97.1 99.0 99.2 99.4 99.5 99.5 98.8 99.4 99.4 99.4 5001 97.1 98.9 98.9 99.1 99.1 99.5 99.5 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.6 99.6 99.7 99.6 99.6 99.7 GE GE 4001 97.1 98.9 98.9 98.9 99.1 99.1 99.1 99.5 99.5 99.5 99.6 99.6 99.7 99.7 99.7 3001 99.7 99.8 99.8 99.8 99.9 GE 200 l 97.1 98.9 99.0 99.2 99.2 99.5 99.6 99.6 99.8 99.9 99.9 99.8 100.0 97.1 99.7 99.7 99.8 99.9 100.0 100.0 GE 98.9 99.0 99.4 99.4 99.6 99.9 GF 0.1 97.1 98.9 99.0 99.8 99. 6 99.6 99.7 09.7 90.8 99.6 99.9 99.9 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 1800-2000 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| GE 20000 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73.1 | GE 0 59.0 73.1 74.3 75.2 77.3 81.2 |
|---|---|
| FEET 10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 NO CEIL 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 | 0 59.0 73.1 74.3 75.2 77.3 81.2 |
| NO CEIL 1 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 | 59.0 73.1 74.3 75.2 77.3 81.2 |
| NO CEIL 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 | 73.1 74.3 75.2 77.3 81.2 |
| GE 20000 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73.1 | 73.1 74.3 75.2 77.3 81.2 |
| GE 180001 74.2 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 | 74.3 75.2 77.3 81.2 |
| GE 160001 75.1 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2 | 75.2 77.3 81.2 |
| | 77.3 81.2 85.4 |
| CC 160601 | 81.2 85.4 |
| GE 140001 77.2 77.2 77.3 77.3 77.3 77.3 77.3 77.3 | 85.4 |
| GE 12000 81.1 81.1 81.2 81.2 61.2 81.2 81.2 81.2 81.2 81.2 61.2 81.2 81.2 81.2 | |
| | |
| | 85.7 |
| | 88.7 |
| GE 7007} 88.8 88.8 88.9 88.9 88.9 88.9 88.9 88. | 88.9 |
| GE 60001 89.0 89.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 | 89.1 |
| | 89 • 8 |
| | 90.3 |
| | 92.2 |
| | 94.0 |
| GE 3000; 94.8 94.9 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95 | 95 • 1 |
| | 95.2 |
| | 95.7 |
| ** | 95.9 |
| | 97.1 |
| GE 12001 97.3 97.7 98.1 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 | 98.7 |
| | 99.7 |
| | 99.7 |
| | 99 • 8 |
| | 99 - 8 |
| GE 600 97,6 98.3 98.9 99.8 99.8 99.8 99.8 99.8 99.8 | 99.8 |
| · · · · · · · · · · · · · · · · · · · | 00.0 |
| | 00.0 |
| | 00.0 |
| | 00.0 |
| 6E 1001 97.6 98.3 99.0 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1 | 00.0 |
| 6E 0 97.6 98.3 99.0 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1 | |

TOTAL NUMBER OF OBSERVATIONS: 930

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| STATION NUMBER | | STATI | ON NAME: | A NO E | RSEN AFB | GUAM | | | | | OF REC | | 1-87 (LST): | 2100-2 | 300 |
|----------------|-----------------|-------------|-------------------|-----------|-------------------|-------------|--------|---------------|---------------|---------------|--------|---------------|----------------|---------------|---|
| CEILING | •••• | • • • • • • | • • • • • • • • • | • • • • • | ••••• | | | | | ****** | ***** | • • • • • • • | ••••• | • • • • • • | ******** |
| IN GE | GE | GE | GE | 6E | GE | | BILITY | | | | | | _ | _ | |
| FEET 1 10 | 6 | 9t. 5 | 4 | 6 E 3 | | 6E | GE | GE | GE . | 38 | GE | GE | GE | GE | GE_ |
| *********** | | 3 | • | • | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| | • • • • • • • • | • • • • • • | • • • • • • • • | •••• | • • • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | * * * * * * * | · • • • • • • • • • • • • • • • • • • • |
| NO CEIL I | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| 6E 200001 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74 .3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 180001 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| GE 160001 | 75.2 | 75.5 | 75.5 | 75.5 | 75-5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| 6E 140001 | 76.2 | 76.6 | 76.6 | 76.6 | 76+6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 6E 120001 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | a0 • 5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| | | | | | | | , | B | | | | | 0,000 | 2000 | |
| 6E 10000 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 90001 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84 . 7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | . 4.7 |
| GE 8000 | 87.8 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 70001 | 88.5 | 88.9 | 68.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 60001 | 88.8 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| | | | | | | | | • | | 0, | | • • • • | 0 | | 0.02 |
| 6E 50001 | 89.1 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 45001 | 89.7 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 40001 | 91.0 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 35001 | 92.5 | 93.0 | 93.0 | 93.0 | 93.D | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 3000! | 94.1 | 94.6 | 94.6 | 94 .6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| | | | | | • | | | | | | | ,,,, | , ,,,, | ,,,,, | ,,,, |
| GE 25001 | 94.1 | 94.6 | 94 . 6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 2000 | 94.4 | 94.9 | 94.9 | 94.0 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 1800 | 94.4 | 94.9 | | 94.9 | 94.9 | 94.9 | 94.0 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 15081 | 96.0 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 12001 | 96.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| | | | | | | | | | - | | | | . 0 | , , , , | , , , , |
| GE 1000} | 97.2 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 9001 | 97.2 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 6E 8001 | 97.2 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 700 | 97.2 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 6001 | 97.3 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | | |
| 6E 5001 | 97.3 | 99.4 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4001 | 97.3 | 99.4 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3001 | 97.3 | 99.4 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6E 2001 | 97.3 | 99.4 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1001 | 97.3 | 99.4 | 99 • 6 | 99.9 | 99.9 | 99.9 | 99,9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE OI | 97.3 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | | | 100 0 | | | | | | |
| 9 E UI | 7143 | 77.4 | 77.0 | 77.7 | 77,7 | 77.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | • • • • • | ••••• | • • • • • | | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ******* |

TOTAL NUMBER OF OBSERVATIONS: 930

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM MONTH: DEC HOURS (LST) . VISIBILITY IN STATUTE MILES CEILING GE. GE GE GE 2 1 1/4 GE GE GE IN I 3 2 1/2 5/16 1/4 10 5 1 3/4 5/8 1/2 n NO CETE I 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 58.5 GE 200001 71.8 72.7 73.2 71.8 72.7 73.2 71.8 72.7 73.2 75.4 71.8 72.7 71.6 71.8 72.7 71.8 71.8 71.8 71.8 72.7 71.8 :0 71.8 71.8 71.8 71.8 180001 72.6 72.7 72.7 72.7 73.2 72.7 6E 160001 73.2 73.2 73.2 73.2 73.1 73.2 73.2 73.2 GE 140001 .0 75.2 75.3 75.4 75 · 4 79 · 1 75.4 75.4 79.1 75.4 75 .4 75.4 75.4 75.4 75.4 75.4 78.9 79.1 79.1 120001 .0 79.1 83.6 83.7 87.1 100001 83.4 83.6 83.6 83.7 87.1 GΕ .0 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 6F 90001 .0 83.5 83.7 83.7 83.7 83.7 83.7 83.7 87.1 83.7 83.7 87.1 83.7 83·7 87·1 83.7 GE 86.8 87·1 87·3 87.1 87.1 87.1 87.1 GE 70001 .0 87.1 87.7 GE 60001 • 0 87.4 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 A7.7 87.7 87.7 87.7 88.3 GF 88.4 88.4 88.4 SDDOL .0 88.0 88.3 RR.3 RR.3 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.6 90.4 92.2 88.7 88.7 88.7 88.7 88.7 88.7 GE 4560 :0 88.3 88.7 88.7 88.7 88.7 90.5 92.3 90.5 90.5 92.3 90.5 6E 46001 96.1 90.5 90.5 90.5 90.5 90.5 90.5 90.5 92.3 GE 35 na l • 0 91.8 92.3 92.3 94.2 92.3 92.3 92.3 92.3 92.3 92.3 *0 30001 94.0 94.2 94.2 94.2 GΕ 25001 93.7 94.2 94.4 94.4 94.4 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.9 95.0 • 0 94.8 94.9 96.5 GE GE 20001 .0 94.1 94.6 94.8 94.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 95.0 96.6 18001 . 17 95.0 96.6 95.0 96.6 98.2 15001 • 0 96.0 GE GE 96.6 98.2 12001 .0 96.5 97.7 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.2 99.2 99.2 99.3 GE 10001 .0 97.8 98.1 98.2 98 • 5 98 • 5 99.D 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.3 99.4 99.5 97.0 ۰۵ 99.0 99.1 99.0 99.1 99•2 99•3 99.2 99.3 99.2 99.2 99.2 99.2 99.2 99.2 6E 9001 GE 8001 97.1 99.4 99.4 99.4 • 0 GE GE 99.2 99.2 99.3 99.4 99.3 99.3 99.4 99.4 700 97.1 98.3 98.7 99.4 98 . 7 99.5 6001 .0 98.4 97.1 99.4 99.4 99.5 99.6 99.7 99.7 GE 5001 97.2 98.5 99.6 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 .0 98.9 99.4 99.4 99.5 99.5 99.6 99.7 97.2 98.5 98.5 99.8 99.8 99.9 99.9 99.9 4001 3001 99.7 99.9 99.9 99.9 .0 GE .0 98.9 99.9 99.9 100.0 100.0 99.8 99.0 100.0 2001 . 0 100.0 100.0 GE 1001 .0 99.5 99.7 99.8 100.0 100.0 100.0 100.0 100.0 99.7 81 ٠. 97.2 99.5 99.5 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 7439

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

| | | _ | | STATI | ON NAME: | | | _ | | | | PERIOD MONTH | | ORD: 78 Hours | -87 (LST): | ALL | |
|-------|-----------|-------------|---------------|---------------|------------|-----------|-----------------|-----------|---------------|---------------|---------------|-----------------|---------------|------------------|---------------|---------------|--------|
| | LING | • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • | • • • • • • • • | | | TAT 2 PI | | | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | •••••• |
| | IN | l GE | 6 E | GE | 6 E | 6€ | ΘE | 6E | GE | GE GE | 6E | E 3 | 6 E | GE | GE | 39 | GE |
| | - | 1 10 | 6 | 5 | UL 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | פי |
| | | 1 10 | | | | | 2 1/2 | | 1 1/2 | 3 1/4 | | 3/4 | 5/0 | 1/2 | 3710 | 1/7 | |
| ••• | | ••••• | | ••••• | ••••• | | | •••• | | | • • • • • • • | | | •••••• | | | ••••• |
| NO | CEIL | 1 .0 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| GΕ | 20000 | 1 .0 | 73.1 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE | 18000 | | 74.1 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE | 16000 | | 74.6 | 74.7 | 74 . 7 | 74.8 | 74.8 | 74.8 | 74.8 | 74 .8 | 74 . 8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74 - 8 |
| G€ | 14000 | .0 | 76.6 | 76.7 | 76.7 | 76 - 8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| 6E | 12000 | 1 .0 | 80.7 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81-0 | 81.0 | 81.0 | 81.0 | 81.0 |
| GE | 10000 | .0 | 84.7 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE | 9000 | | 84.9 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE | 8000 | | 88.9 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE | 7000 | | 89.4 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE | 6000 | | 89.7 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| • | | | | ,,,, | ,,,, | , | , 500 5 | ,,,,, | -0.3 | ,4.3 | 70.7 | 70.5 | ,,,, | ,,,, | , , , , | ,,,,,, | ,,,, |
| 6E | 5000 | 0 | 90.3 | 90.6 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| G€ | 4500 | i .o | 90.6 | 90.9 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE | 4000 | 1 .0 | 92.0 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE | 3500 | 1 .0 | 93.1 | 93.6 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE | 3000 | .0 | 94.4 | 95.0 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| | 25.0- | | | | | | | 05.4 | 05 (| | | | | | | | |
| GE | 2500 | | 94.6 | 95.2 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE | 2000 | | 94.8 | 95.4 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GΕ | 1800 | | 94.9 | 95.5 | 95.7 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 6E | 1500 | | 95.7 | 96.5 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97 .Z | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE | 1200 | 1 .0 | 96.5 | 97.4 | 97.8 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE | 1000 | 1 .0 | 96.9 | 97.9 | 98 • 4 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE | 900 | 1 .0 | 96.9 | 97.9 | 98.4 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| 6E | 800 | .0 | 97.B | 98.0 | 98.5 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 700 | .0 | 97.0 | 98.1 | 98.6 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE | 600 | 1 .0 | 97.0 | 98.1 | 98.7 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99 • 6 |
| GΕ | 500 | 1 .0 | 97.1 | 98.2 | 98.8 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | *00 | • | 97.1 | 98.2 | 98.8 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GF | 300 | | 97.1 | 98.3 | 98.8 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | • | 97.1 | 98.3 | 98 • 8 | 99.3 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 100 | | 97.1 | 98.3 | 98 • 8 | 99.3 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | . 3.00 | | | | | | | | - · · · | | | | - 5044 | |
| 6E | 9 | 1 .0 | 97.1 | 98.3 | 98.8 | 99.3 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • | • • • • • | • • • • • • | • • • • • • • | • • • • • • • | | • • • • • | • • • • • • • • | • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | ••••• |

TOTAL NUMBER OF OBSERVATIONS: 87637

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: MONTH: JAN PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS | TOTAL 0 2 3 9 10 MEAN 50.9 927 00-02 | 6.1 03-05 1 48.D 927 06-08 1 6.8 927 37.4 22.3 40.2 09-11 | 40.9 19.2 6.7 929 39.9 12-14 1 44.0 19.0 6.5 930 15-17 | 42.9 930 18-20 | 22.3 930 40.9 36.3 21-23 1 930 6.4 44.4 35.9 18.3 TOTALS I 6.5 7430 20.3

| STATION | NUMBER: | 912180 | STATE | N NAME: | A NO E | ERSEN AFB | GUAM | | | | | | OF REC | ORU: | 78-87 | | |
|---------|----------------|--------|-------|-----------------|--------|-----------------|----------|-----------|--------|-----|------------|-----|-------------|--------|-------|-------|--------------|
| ••••• | HOURS (LST) | | 0 | 1 | 2 | PERCENTAGE 3 | FREQUENC | 7 OF 5 | TENTHS | OF | TOTAL 7 | SKY | COVER 8 | 9 | 10 | MEAN | TOTA: OBS |
| ••••• | 00-02 | 1 | | • • • • • • • • | •••• | 45.7 | ••••• | •••• | •••••• | ••• | ••••• | ••• | • • • • • • | 31.1 | 22.3 | 6.4 | 846 |
| | 03-05 | 1 | .6 | | | 40.2 | | | | | | | | 35.7 | 23.5 | 6 . 8 | 846 |
| | 06-08 | 1 | •1 | | | 36.7 | | | | | | | | 37.4 | 25.8 | 7.0 | 845 |
| | 09-11 | 1 | | | | 37.9 | | | | | | | | 37.0 | 25.1 | 7.0 | 845 |
| | 12-14 | F | | | | 39.6 | | | | | | | | 35.2 | 25.2 | 6.9 | 846 |
| | 15-17 | 1 | | | | 42.6 | | | | | | | | 33.3 | 24.1 | 6.7 | 846 |
| | 18-20 | 1 | -1 | | | 41.0 | | | | | | | | 32.6 | 26.2 | 6 - 8 | 846 |
| | 21-23 | ŧ | .4 | | | 44.9 | | | | | | | | 30.6 | 24.1 | 6 • 5 | 846 |
| | TOTALS | 1 | •3 | | | 41.1 | | | | | | | | 34 - 1 | 24.5 | 6 • 8 | 6766 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

| STATI | ION NUMBER: | 912180 | ST | ATION NAME: | A N | | | | | | PERIOD Month | : MAR | | 78-87 | | |
|-------|----------------|--------|------|-------------|-----|-----------------|-------|-------------|---------------|------|-----------------|-------------|------|-------|-------|--------------|
| •••• | HOURS (LST) | | 0 | 1 | 2 | PERCENTAGE 3 | | | | | | | 9 | 10 | MEAN | TOTAL OBS |
| ••••• | 00-02 | 1 | •••• | ••••••• | ••• | 50.0 | ••••• | • • • • • • | • • • • • • • | •••• | ••••• | • • • • • • | 32.8 | 17.2 | 6.2 | 930 |
| | 03-05 | 1 | . 3 | | | 44.9 | | | | | | | 35.9 | 18.8 | 6.5 | 930 |
| | 06-08 | 1 | | | | 40.9 | | | | | | | 37.0 | 22.2 | 6 - 8 | 930 |
| | 09-11 | 1 | | | | 44.2 | | | | | | | 34.4 | 21.4 | 6 • 6 | 930 |
| | 12-14 | 1 | • 2 | | | 46.8 | | | | | | | 30.3 | 22.7 | 6 • 4 | 930 |
| | 15-17 | 1 | •1 | | | 50.4 | | | | | | | 27.8 | 21.6 | 6 • 2 | 930 |
| | 18-20 | i | • 2 | | | 48.8 | | | | | | | 32.4 | 18.6 | 6 • 2 | 930 |
| | 21-23 | L | | | | 5 3. 9 | | | | | | | 32.5 | 13.7 | 5.9 | 930 |
| | TOTALS | 1 | . 1 | | | 47.5 | | | | | | | 72.0 | 10.5 | | 7000 |

| STATION NUMBER: | 912180 | STATIO | N NAME: | ANDERSEN | AFB (| GUAM | | | | | OF RE | CORD: | 78-87 | | |
|-----------------|--------|--------|---------------|---------------|-------|---------------------|-----|-------------|-----|-------------------|-------------|--------|-------|-------|--------------|
| HOURS (LST) | | a | 1 | PERCEN 2 3 | | FREQUENCY | 0 F | TENTHS | OF | TOTAL SKY | | | 10 | MEAN | TOTA; OBS |
| 00-02 | 1 | .4 | • • • • • • • | 54, | 3 | • • • • • • • • • • | ••• | • • • • • • | ••• | • • • • • • • • • | • • • • • • | 29.4 | 15.8 | 5.9 | 900 |
| 03-05 | 1 | •2 | | 5 3 • | . 8 | | | | | | | 31.2 | 14.8 | 5.9 | 900 |
| 06-08 | 1 | | | 52. | . 7 | | | | | | | 33.6 | 13.8 | 6.0 | 900 |
| 09-11 | 1 | | | 52. | . 7 | | | | | | | 31.6 | 15.8 | 6.0 | 900 |
| 12-14 | i | | | 51. | . 3 | | | | | | | 30.7 | 18.0 | 6.1 | 900 |
| 15-17 | ı | -1 | | 5 3. | . 6 | | | | | | | 28 - 1 | 18.2 | 6.0 | 900 |
| 18-20 | ı | | | 57. | . 1 | | | | | | | 24 - 8 | 18-1 | 5 • 8 | 899 |
| 21-23 | ı | •2 | | 56. | . 7 | | | | | | | 29.1 | 14.0 | 5.7 | 900 |
| TOTALS | t | •1 | | 54. | 0 | | | | | | | 29.8 | 16.1 | 5 • 9 | 7199 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: MONTH: MAY PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS | (LST) | TOTAL 0 3 10 MEAN OBS 53,5 5.9 930 00-02 1 29.9 . 2 16.3 03-05 (• 1 50.3 30.9 16.7 930 6.2 06-08 1 45.6 35.2 19.2 6.5 930 09-11 | 49.4 18.0 32.7 6.2 930 47.7 19.6 32.7 6.3 930 15-17 1 47.6 31.8 20.5 6 • 3 930 18-20 | 45.7 33.3 21.0 930 6 • 5 21-23 | 52.4 31.3 16.3 6.0 930 TOTALS 1 •0 18.7 6.2 7440

STATION NUMBER: 912180 STATION NAME: AMDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: JUN

| | | | | PERCENTAGE | FREQUENCY | OF | TENTHS OF | TOTAL | SKY COVER | ••••• | | ******** | ***** |
|----------------|------|-------|-------|------------|-----------|------|---------------------|-------|-------------------|--------|------|----------|--------------|
| HOURS (LST) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 1 .3 | ••••• | ••••• | 37.6 | ••••• | •••• | • • • • • • • • • • | | • • • • • • • • • | 37.4 | 24.7 | 7.0 | 900 |
| 03-05 | 1 .3 | • | | 38.6 | | | | | | 36.7 | 24.4 | 6.9 | 900 |
| 06-08 | 1 | | | 36.1 | | | | | | 38.8 | 25.1 | 7.1 | 900 |
| 09-11 | ı | | | 35.1 | | | | | | 38 • 8 | 26.1 | 7.2 | 900 |
| 12-14 | 1 | | | 37.3 | | | | | | 35.6 | 27.1 | 7.0 | 900 |
| 15-17 | ŧ | | | 3 3. 3 | | | | | | 35.8 | 30.9 | 7.3 | 900 |
| 18-20 | t | | | 33.9 | | | | | | 37.3 | 28.8 | 7.3 | 900 |
| 21-23 | ŀ | | | 37.4 | | | | | | 34 • 3 | 28.2 | 7.0 | 900 |
| TOTALS | .1 | | | 36.2 | | | | | | 36.8 | 26.9 | 7.1 | 7200 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| STATION NUMBER | 912180 | STAT | ION NAME: | A NO | ERSEN AFB | GUAM | | | | HON | D OF REI | | 78-87 | | |
|----------------|------------|------|-----------|------|-----------------|---------|-------------|---------------|-----|------|---------------|------|-------|-------|--------------|
| HOURS (LST) | | 0 | 1 | 2 | PERCENTAGE 3 | FREQUE! | ICY OF | TENTHS | | | CY COVER | | 10 | MEAN | TOTAL OBS |
| 00-02 | 2 1 | .2 | | •••• | 31.7 | ••••• | • • • • • • | • • • • • • • | ••• | •••• | • • • • • • • | 34.0 | 34.1 | 7.4 | 930 |
| 03-05 | 5 1 | •2 | | | 31.8 | | | | | | | 37.4 | 30.5 | 7.4 | 930 |
| 06-08 | 1 1 | | | | 30.0 | | | | | | | 38.2 | 31.8 | 7.5 | 930 |
| 09-11 | L 1 | | | | 30.8 | | | | | | | 39.0 | 30.2 | 7.5 | 930 |
| 12-14 | t . | | | | 29.4 | | | | | | | 39.5 | 31.0 | 7.5 | 928 |
| 15-17 | 1 | | | | 24.6 | | | | | | | 38.0 | 37.4 | 7.9 | 930 |
| 18-20 | 1 | | | | 25.3 | • | | | | | | 36.2 | 38.5 | 7.9 | 930 |
| 21-23 | : 1 | •2 | | | 29.4 | | | | | | | 34.2 | 36.2 | 7 • 6 | 930 |
| TOTALS | 1 | •1 | | | 29.1 | | | | | | | 37.1 | 33.7 | 7 • 6 | 7438 |

| STATION NUMBER: | 912180 | STATIO | N NAME: | ANDERSI | EN AFB | GUAM | | | | H | ONTH: | | CORD: | 78-87 | | ; |
|-----------------|-------------|--------|-----------------|---------------|------------|------------|------|-------|---------|-------------|-----------|-------|--------|-------|-------|--------------|
| HOURS (LST) | | 0 | 1 | PER! | ENTAG 3 | E FREQUENC | Y OF | TENTH | | TOTAL 7 | | | 9 | 10 | MEAN | TOTA: OBS |
| 00-02 | · · · · · · | .6 | • • • • • • • • | • • • • • • • | 7. 1 | •••••• | •••• | ••••• | • • • • | • • • • • • | • • • • • | ••••• | 38.3 | 44.0 | 8.4 | 930 |
| 03-05 | l . | .4 | | | 18.2 | | | | | | | | 36.8 | 44.6 | 8.3 | 929 |
| 06-08 | 1 | | | | 17.4 | | | | | | | | 41.2 | 41.4 | 8 • 4 | 930 |
| 09-11 | ı | | | | 12.0 | | | | | | | | 43.7 | 44.3 | 8 - 7 | 930 |
| 12-14 | 1 | | | | 11.2 | | | | | | | | 44.5 | 44.3 | 8 • 8 | 929: |
| 15-17 | ŀ | | | : | 1 2 · D | | | | | | | | 40.0 | 48.0 | 8 • 8 | 930 |
| 18-20 | 1 | | | | 15.1 | | | | | | | | 36 • 2 | 48.7 | 8 • 6 | 930 |
| 21-23 | 1 | .2 | | | 15.3 | | | | | | | | 38.1 | 46.5 | 8 • 5 | 930 |
| TOTALS | t | •2 | | | L4.8 | | | | | | | | 39.9 | 45.2 | 8 • 6 | 7438 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

| STATION NUMBER: | 912180 | STATIO | N NAME: | ANDERSE | N AFB | GU AM | | | | IOD OF R | | 78-87 | | |
|---|-------------------|-----------------|-----------------|------------------------|---------------------------------|---------------|-----------|-------|---------|-----------------|--|--|--|--|
| •••••• | • • • • • • • | • • • • • • • • | • • • • • • • • | | | | CY OF TE | | TOTAL | SKY COVE | R | • • • • • • • | • • • • • • • • | • • • • • • |
| HOURS (LST) | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL |
| 00-02 | | .2 | • • • • • • • • | 2 | 6.6 | • • • • • • • | | ••••• | ***** | • • • • • • • • | 31.0 | 42.2 | 7.8 | 899 |
| 03-05 | . 1 | . 3 | | 2 | 9.8 | | | | | | 34.0 | 35.9 | 7.5 | 900 |
| 06-08 | F | | | 2 | 5.4 | | | | | | 39.6 | 35.0 | 7 • 8 | 900 |
| 09-11 | 1 | | | 2 | 0.3 | | | | | | 43.6 | 36.1 | 8 - 1 | 900 |
| 12-14 | 1 | | | 2 | D. 4 | | | | | | 43.4 | 36.1 | 8 • 1 | 900 |
| 15-17 | 1 | | | 2 | 1.9 | | | | | | 38.6 | 39.6 | 8 • 1 | 900 |
| 18-20 | 1 | | | 2 | 2.9 | | | | | | 36.5 | 40.6 | 8 • 0 | 899 |
| 21-23 | 1 | | | 2 | 3.8 | | | | | | 34.7 | 41.5 | 8 • 0 | 895 |
| TOTALS | 1 | •1 | | 2 | 3. 9 | | | | | | 37.7 | 38.4 | 7.9 | 7193 |
| | | | | | | | | | | | | | | |
| STATION NUMBER: | 912180 | STATIO | IN NAME: | ANDERSE | N AFB | GUAM | | | | 100 OF A | | 78-87 | | |
| STATION NUMBER: | 912180 | OITATE | | | | • • • • • • • | | | H | NTH: OC | | 78-87 | | ••••• |
| STATION NUMBER: Hours (LST) | | STATIO | | | | • • • • • • • | NCY OF TE | 6 | TOTAL 7 | SKY COVE | | 78-87 10 | MEAN | TOTAL |
| HOURS | · · · · · · · · · | •••••• | ••••• | PERC 2 | EN TAG | E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | (R | ••••• | MEAN 7.4 | |
| HOURS (LST) | | 0 | ••••• | PERC 2 | ENTAG | E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | ;R 9 | 10 | | 085 |
| HOURS (LST) 00-02 | 1 | 0 | ••••• | PERC 2 3 | EN T A G (| E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | 9 34.8 | 10 | 7.4 | 930 |
| HOURS (LST) 00-02 | | 0 | ••••• | PERC 2 3 3 2 | EN T A G (3 2+ 3 5- 3 | E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | 9 34.8 33.9 | 10 32.8 30.6 | 7.4 7.2 | 930 930 |
| HOURS (LST) 00-02 03-05 | } | 0 | ••••• | PERC 2 3 3 2 2 | ENTAG(3 2-3 5-3 | E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | 9 34.8 33.9 40.1 | 10 32.8 30.6 31.5 | 7.4 7.2 7.6 | 930 930 930 |
| HDURS (LST) 00-02 03-05 06-08 | | 0 | ••••• | PERC 2 3 3 2 2 2 3 | 2.3 5.3 8.4 | E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | 9 34.8 33.9 40.1 | 10 32.8 30.6 31.5 | 7.4 7.2 7.6 | 930 930 930 930 |
| HOURS (LST) 00-02 03-05 06-08 09-11 | | 0 | ••••• | PERC 2 3 3 2 2 2 3 2 2 | 2-3 5-3 8-4 9-1 | E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | 39.8 39.8 33.9 40.1 37.7 32.7 | 10 32.8 30.6 31.5 33.1 | 7.4 7.2 7.6 7.6 | 930 930 930 930 930 |
| HOURS (LST) 00-02 03-05 06-08 09-11 12-14 | | 0 | ••••• | PERC 2 3 3 2 2 2 2 2 | 2.3 5.3 8.4 9.1 1.9 | E FREQUE | 5 | 6 | TOTAL 7 | SKY COVE | 34.8 33.9 40.1 37.7 32.7 | 10 32.8 30.6 31.5 33.1 35.4 | 7.4 7.2 7.6 7.6 7.4 7.7 | 930 930 930 930 930 930 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: MONTH: NOV PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS 1 TOTAL 0 6 10 MEAN (LST) | 085 900 6.7 03-05 | . 7 42.6 22.3 900 6.6 06-08 | 40.2 20.9 900 38.9 6.8 09-11 | 38.3 900 40.9 20.8 6.9 12-14 | 39.3 22.3 900 38.3 6.9 15-17 | 40.9 23.7 900 35.4 6 • 8 18-20 | 38.1 33.6 28.3 7.0 900 21-23 35.1 900 TOTALS | 39.5 36.8 23.6 6.9 7200

| STATION NUMBER: | 912180 | STATION | NAME: | ANDERSE | N AFB | GUAM | | | MON | OD OF RE TH: DEC | CORD: | 78-87 | | |
|-----------------|--------|---------------------------------------|-------|-----------|---------|---------------|-----------|------|---------|---------------------|--------|-------|-------|-------|
| HOURS (LST) | | , , , , , , , , , , , , , , , , , , , | 1 | PERC 2 | EN TAGE | FREQUENC 4 | y 0F 5 | OF | TOTAL S | KY COVER | 9 | 10 | MEAN | TOTAL |
| 00-02 | 1 | | ••••• | 4 | 5.8 | | | | | ••••• | 33.2 | 21.0 | 6.5 | 930 |
| 03-05 | 1 | • 3 | | 4 | 5.1 | | | | | | 34.6 | 20.0 | 6.5 | 930 |
| 80-80 | 1 | | | 3 | 7.6 | | | | | | 41.1 | 21.3 | 7 • D | 930 |
| 09-11 | l | | | 3 | 6.1 | | | | | | 38.3 | 25.6 | 7 • 1 | 930 |
| 12-14 | l . | | | 4 | 0.9 | | | | | | 33.8 | 25.4 | 6 • 8 | 930 |
| 15-17 | i | | | 4 | C• 3 | | | | | | 33.9 | 25.8 | 6 • 8 | 930 |
| 18-20 | I | | | 3 | 6.9 | | | | | | 36 • 8 | 26.3 | 7 • 1 | 930 |
| 21-23 | I | | | 4 | 0.6 | | | | | | 36 • 1 | 23.2 | 6 • 8 | 930 |
| TOTALS | 1 | | ••••• | 4 | 0.4 | | | | | | 36.0 | 23.6 | 6+8 | 7440 |

PERCENTAGE FHEQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

| NUMBER: | 912180 | STATIO | ON NAME: | ANDER | ISEN AFB | GUAM | | | | | TH: ALL | | 78-87 | | |
|---------|----------------|----------------------|---|---|--|-------------------|---|--|---------------------------------------|---|--|--|-----------|--|---|
| | | 0 | 1 | P _E | ERCENTAGE | E FREQUE | ENCY OF | | | TOTAL SK | KY COVER | R 9 | 10 | MEAN | TOTA OBS |
| ALL | 1 | .5 | • • • • • • • • | • • • • • • • | 44.0 | | • • • • • • • • | ••••• | •••• | | , . | 35.2 | 20.3 | 6.5 | 7430 |
| | ı | • 3 | | | 41.1 | | | | | | | 34.1 | 24.5 | 6.8 | 6766 |
| | 1 | •1 | | | 47.5 | | | | | | | 32.9 | 19.5 | 6.4 | 7440 |
| | 1 | •1 | | | 54.0 | | | | | | | 29.8 | 16.1 | | 7199 |
| | 1 | | | | 49.D | | | | | | | 32.2 | 18.7 | | 7440 |
| | i | • 1 | | | 36.2 | | | | | | | 36.8 | 26.9 | 7.1 | 7200 |
| | 1 | • 1 | | | 29.1 | | | | | | | 37.1 | 33.7 | 7.6 | 7438 |
| | 1 | •2 | | | 14.8 | | | | | | | 39.9 | 45.2 | 8.6 | 7438 |
| | t | . 1 | | | 23.9 | | | | | | | 37.7 | 38.4 | 7.9 | 7193 |
| | 1 | | | | 29.4 | | | | | | | 36.1 | 34.5 | 7.6 | 7440 |
| | 1 | • 1 | | | 39.5 | | | | | | | 36.8 | 23.6 | 6.9 | 7200 |
| | 1 | | | | 4 D. 4 | | | | | | | 36.0 | 23.6 | 6 • 8 | 7440 |
| TOTALS | 1 | . 1 | | | 37.4 | | | | | | | 35.4 | 27.1 | 7.0 | 87624 |
| | HOURS (LST) | HOURS (LST) ALL | HOURS 0 ALL 5 3 1 1 1 1 2 1 1 1 | HOURS (LST) 0 1 ALL .5 .3 .1 .1 .1 .1 .1 .1 .1 .1 | HOURS (LST) 0 1 2 ALL .5 .3 .1 .1 .1 .1 .1 .2 .1 .1 | PERCENTAGE HOURS | HOURS (LST) D 1 2 3 4 ALL .5 4.0 .3 41.1 .1 47.5 .1 54.0 .1 36.2 .1 29.1 .2 14.8 .1 23.9 .1 29.4 .1 39.5 .1 39.5 | PERCENTAGE FREQUENCY OF HOURS (LST) 0 1 2 3 4 5 ALL .5 4.0 .1 54.0 49.0 .1 36.2 .1 29.1 .2 14.8 .1 23.9 29.4 .1 39.5 40.4 | PERCENTAGE FREQUENCY OF TENTHS HOURS | PERCENTAGE FREQUENCY OF TENTHS OF T HOURS (LST) 0 1 2 3 4 5 6 ALL .5 44.0 .3 41.1 .1 47.5 .1 54.0 49.0 .1 36.2 .1 29.1 .2 14.8 .1 23.9 29.4 .1 39.5 40.4 | ## PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SK ### ### ### ### ### ### ### ### ### # | #OURS PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER CO | HOURS 1 | HOURS O 1 2 3 4 5 6 7 8 9 10 ALL .5 44.0 35.2 20.3 .1 41.1 47.5 32.9 19.5 .1 49.0 29.8 16.1 .1 36.2 36.8 26.9 .1 29.1 37.1 33.7 .2 14.8 39.9 45.2 .1 23.9 39.9 45.2 .1 29.4 36.1 34.5 .1 39.5 36.8 23.6 | HOURS PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |

PPPPPPPP AAAAAAAA RRRRRRR TITTITITI EEEEEEEEEE
PPPPPPPPP AAAAAAAA RRRRRRRR TITTITITIT EEEEEEEEEE
PP PP AA AA RR RR TI EE
PPPPPPPPP AA AA AA RRRRRRRR TI EEEEEEE
PPPPPPPPPP AAAAAAAAAA RRRRRRRR TI EEEEEEE
PPP AAAAAAAAAAA RR RR RR TI EE
PP AAAAAAAAAAA RR RR RR TI EE
PP AA AA AR RR RR TI EE

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEV-IATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FARRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS. THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS ITHOSE CONTAINING ASTERISKSI.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES:

0

(

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

| STATION NUM | | | | STATION | | ANDERSEN | | | | | | | ORD: 48-8 | |
|---|------|---------------|-------------|-----------------|---------------|-------------------|-----------------|---|-----------------|-----------------|-----------------|-------|-------------------|---------|
| • | •••• | • • • • • • • | ••••• | • • • • • • • • | • • • • • • • | • • • • • • • • • | • • • • • • • • | • | • • • • • • • • | • • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • • | ••••••• |
| TEMPLE | • | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| GE 9 | 01 | • • • • • • • | • • • • • • | • • • • • • • • | 3 | 1.5 | .7 | | .5 | | .5 | •1 | .1 | .4 |
| GE 8 | 51 | 5.1 | 4 - 6 | 8.5 | 22.9 | 41.0 | 49.3 | 44.7 | 44.1 | 42.7 | 44.0 | 34.8 | 13.6 | 29.9 |
| GE 8 | 01 | 89.8 | 86.5 | 93.7 | 97.6 | 98.6 | 98.7 | 96.8 | 96.2 | 96.7 | 97.3 | 98.7 | 96.7 | 95.7 |
| 6E 7 | 51 | 100.0 | 100.0 | 100.0 | 79.9 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 | 100.0 | 99.9 | 100.0 | 100.0 |
| GE 7 | 01 | | | | 100.0 | | | | 100.0 | | | 100.0 | | 100.0 |
| MEAN | 1 | 81.7 | 81.6 | 82-1 | 83.2 | 84.0 | 84.5 | 84.1 | 84.0 | 84.1 | 84.1 | 83.8 | £2.7 | 83.3 |
| SD | i | 1.824 | 1.940 | 1.766 | 1.945 | 2.087 | 2.105 | 2.120 | 2.197 | 2.162 | 2.063 | 1.756 | 1.743 | 2.212 |
| TOTAL OBS | 1 | 1208 | 1101 | 1289 | 1170 | 1240 | 1200 | 1239 | 1240 | 1198 | 1240 | 1193 | 1240 | 14478 |
| | | | | | | | | | | | | | | |

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 48-87 TEMPERIL JAN FEB MAR APR JUN JUL AUG SEP OCT NOV DEC ANNUAL HAY 6 · 1 92 · 9 99 · 7 GE 851 GE 801 GE 751 GE 701 GE 651 6.7 84.4 100.0 4.2 • • • • • .7 67.9 99.8 2.8 87.6 99.9 .4 62.1 99.8 4.7 91.6 70.9 99.6 100.0 84.6 99.7 100.0 91.7 84.1 100.0 78.2 81.5 79.9 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.0 MEAN I 75.2 1.842 74.9 1.674 75.2 1.654 76.0 1.722 76.9 1.932 77.2 1.893 1200 77.1 1.841 76.4 1.702 1240 76.2 76.5 2.003 76.2 2.009 76.2 2.094 76.6 2.059 2.013 TOTAL OBS I 1208 1101 1239 1170 1240 1239 1240 1198 1240 1193

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CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES FROM SUMMARY OF DAY DATA

| STATION N | | | | STATION | | ANDERSEN | | | | | | | ORD: 48-8 | |
|----------------|-------|-----------------|--------|---------|-------|----------|-------|---------------|-----------------|-----------------|---------------|-----------------|-----------|--------|
| - - | (F) (| MAL | FEB | MAR | APR | MAY | NUL | Jul | AUG | SEP | 100 | NOV | DEC | ANNUAL |
| GE | 901 | • • • • • • • • | •••••• | ••••• | ••••• | 2 | ••••• | • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | .0 |
| GE | 851 | | | | 1.3 | 2.7 | 3.7 | 1.3 | . 3 | 2 • 3 | 1.4 | .6 | .4 | 1.2 |
| 32 | 801 | 29.0 | 25.0 | 32.5 | 58.3 | 78.2 | 82.6 | 74.7 | 70.5 | 70.4 | 74.0 | 80.2 | 58.5 | 61.5 |
| GE | 751 | 99.4 | 99.3 | 99.8 | 99.8 | 100.0 | 99.9 | 99.8 | 99.6 | 99.9 | 100.0 | 99.9 | 99.9 | 99.8 |
| 6E | 701 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| HEAN | | 78.6 | 78.5 | 78.9 | 79.8 | 80.7 | 81.1 | 80.5 | 80.3 | 80.4 | 80.6 | 80.7 | 79.8 | 60.0 |
| 50 | 1 | 1.603 | 1.553 | 1.467 | 1.644 | 1.801 | 1.813 | 1.823 | 1.823 | 1.863 | 1.802 | 1.570 | 1.495 | 1.887 |
| TOTAL O | 85 [| 1208 | 1101 | 1209 | 1170 | 1240 | 1203 | 1239 | 1240 | 1198 | 1240 | 1193 | 1240 | 14478 |

EXTREME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| | | | | | W | | REES FAH N-T-H-S- | | | | | | ALL |
|-------------|-------------------|-------|-------|-----|------|------|----------------------|-----|-------------|-----|------------|-----|-----------------|
| YEAR I | JAN | FEB | MAR | APR | MAY | NUL | JUL | AUG | SEP | OCT | NOV | DEC | HONTH |
| 48 i | • • • • • • • • • | ••••• | ••••• | | 90 | 90 | 88 | 90 | 87 | 89 | 87 | 85 | • • • • • • • • |
| 49 (| 84 | 84 | 86 | 87 | 88 | 89 | *89 | 89 | +9 0 | 89 | *88 | 87 | * 9 |
| 50 I | *86 | 89 | 85 | 87 | 8.8 | 87 | 89 | 88 | 88 | 88 | 87 | 86 | 8 |
| 51 i | 86 | 86 | 87 | 85 | 87 | 8.8 | 87 | 88 | 88 | 8.8 | 86 | 86 | 8 |
| 52 | 82 | 83 | 84 | 84 | 86 | 89 | 88 | 87 | 88 | 8.8 | 87 | 86 | 8 |
| 53 1 | 84 | 84 | 84 | 87 | 87 | 8.8 | 87 | 87 | 87 | 87 | 89 | 86 | 8 |
| 54 I | 86 | 85 | 85 | 87 | 87 | 8.7 | 88 | 90 | 87 | 86 | 86 | 85 | 9 |
| 55 I | 83 | 83 | 63 | 84 | 83 | 84 | 87 | 87 | 87 | 86 | 84 | 84 | 8 |
| 56 l | 83 | 82 | 82 | 83 | 83 | 86 | 86 | 86 | 84 | 84 | 8.8 | 8.5 | 8 |
| 57 | 82 | 81 | 83 | 85 | 87 . | 86 | 86 | 88 | 87 | 86 | *89 | 84 | *8 |
| 58 I | 82 | 82 | 84 | 84 | 86 | 87 | 88 | 87 | 85 | 86 | 87 | 87 | 8 |
| 59 | 82 | 86 | 82 | 84 | 88 | 89 | 89 | 87 | 86 | 87 | 86 | 85 | 8 |
| 60 F | 84 | 80 | 81 | 82 | 83 | 83 | 84 | 85 | 83 | 84 | 8.3 | 82 | 8 |
| 61 | 81 | 84 | 84 | 85 | 85 | 86 | 87 | 86 | 86 | 86 | 8 4 | 83 | 8 |
| 62 | 84 | 83 | 84 | 85 | 85 | 86 | 86 | 86 | 85 | 86 | *86 | 83 | 8 |
| 63 I | 83 | 82 | 84 | 86 | 84 | 85 | 85 | 86 | 88 | 86 | 86 | 84 | 8 |
| 64 | 83 | 82 | 83 | 83 | 85 | 86 | 85 | 85 | 84 | 87 | 86 | 84 | 8 |
| 65 | 84 | 84 | 85 | 85 | 85 | 85 | 86 | 86 | 87 | 87 | 8.8 | 86 | |
| 66 I | 84 | 85 | 83 | 84 | 85 | 86 | 85 | 86 | 86 | 87 | 87 | 86 | 8 |
| 67 (| 85 | 86 | 83 | 83 | 84 | 85 | 90 | 91 | 88 | 86 | 85 | 83 | 9 |
| 68 I | 83 | 83 | 83 | 84 | 86 | 87 | 87 | 87 | 86 | 87 | 85 | 84 | 8 |
| 69 | 82 | 82 | 86 | 86 | 88 | 8.8 | 87 | 87 | 89 | 87 | 6.8 | 86 | 8 |
| 70 1 | 86 | 86 | 86 | 88 | 90 | 90 | 90 | 8.8 | 85 | 85 | 85 | 87 | 9 |
| 71 | 87 | 85 | 87 | 84 | 89 | 84 | 83 | 85 | 86 | 85 | 8 4 | 84 | 8 |
| 72 | 83 | 83 | 86 | 85 | 85 | 84 | 86 | 86 | 87 | 86 | 85 | 86 | 8 |
| 73 | 85 | 82 | 84 | 85 | 87 | . 86 | 86 | 86 | 88 | 87 | 89 | 87 | 8 |
| 74 | 84 | 85 | 87 | 88 | 87 | 87 | 87 | 87 | 86 | 87 | 87 | 86 | 8 |
| 75 | 84 | 86 | 86 | 87 | 86 | 87 | 86 | 88 | 89 | 89 | 87 | 85 | 8 |
| 76 1 | 83 | 82 | 84 | 84 | 85 | 84 | 86 | 86 | *89 | 85 | 85 | 86 | *8 |
| 77 | 85 | 85 | 84 | 83 | 84 | 86 | 86 | 90 | 87 | 86 | 85 | 84 | 9 |

NOTES & (BASED ON LESS THAN FULL MONTHS)

II (AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAN

PERIOD OF RECORD: 48-87

| | , | | | | | | WHOLE DE | GREES FA -N-T-H-S | | | | | | ALL |
|--------|---|-------|-------|-------|-------|-------|----------|----------------------|-------|-------|-------|-------|-------|--------|
| YEAR | i | JAN | FEB | MAR | APR | MAY | JÜN | JUL | AUS | SEP | OCT | NOV | DEC | HONTHS |
| 78 | ï | 83 | 81 | 85 | 84 | 85 | 85 | 90 | 86 | 87 | 88 | 85 | 82 | 90 |
| 79 | 1 | 82 | 85 | 84 | 84 | 85 | 87 | 8.8 | 88 | 89 | 87 | 87 | 84 | 89 |
| 80 | 1 | 84 | 84 | 8* | 85 | 86 | 86 | 87 | 87 | 87 | 86 | 67 | 86 | 87 |
| 61 | ł | 85 | 86 | 86 | 88 | 89 | 90 | 87 | 86 | 86 | 87 | 86 | 84 | 90 |
| 82 | Į | 81 | 82 | 83 | 86 | 85 | 85 | 85 | 86 | 86 | 86 | 84 | 85 | 86 |
| 83 | 1 | 84 | 85 | 85 | 87 | 87 | 90 | 8.8 | 8.8 | 89 | 88 | 67 | 85 | 90 |
| 84 | 1 | 86 | 85 | 87 | 91 | 94 | 90 | 90 | 88 | 8.8 | 87 | 88 | 90 | 94 |
| 85 | 1 | 87 | 84 | 84 | 85 | 85 | 86 | 86 | 87 | 86 | 86 | 86 | 87 | 87 |
| 86 | i | 85 | 85 | 85 | 86 | 85 | 87 | 86 | 87 | 87 | 86 | 86 | 83 | 67 |
| 87 | 1 | 84 | 83 | 86 | 84 | 87 | 91 | 89 | 89 | 91 | 91 | 90 | 87 | 91 |
| MEAN | ï | 83.8 | 83.8 | 84.5 | 85.2 | 86.2 | 86.8 | 86.9 | 87.2 | 86.8 | 86.7 | 86.3 | 85.1 | 88.5 |
| S.D. | 1 | 1.540 | 1.843 | 1.502 | 1.813 | 2.167 | 2.003 | 1.669 | 1.448 | 1.586 | 1.377 | 1.575 | 1.620 | 1.745 |
| AL OBS | ţ | 1208 | 1101 | 1209 | 1170 | 1240 | 1200 | 1239 | 1240 | 1198 | 1240 | 1193 | 1240 | 14478 |

NOTES + (BASED ON LESS THAN FULL MONTHS)
U (AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| | | | | | WI | 101E DEGI | REES FAHI 4-T-H-S- | RENHELI | | | | | ALL |
|-------|---------------|-------|-----------------|-------|-----|-----------|-----------------------|---------|------------|-----|------------|-----|-------------|
| EAR Í | MAL | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MONTH |
| 48 | • • • • • • • | ••••• | • • • • • • • • | ••••• | 74 | 74 | 72 | 72 | 71 | 71 | 72 | 72 | ••••• |
| 49 | 72 | 71 | 69 | 73 | 74 | 73 | *71 | 72 | +72 | 72 | *74 | 74 | 6 |
| 50 I | +71 | 71 | 74 | 73 | 74 | 73 | 72 | 72 | 71 | 71 | 73 | 71 | *7 |
| 51 | 71 | 71 | 70 | 72 | 66 | 73 | 71 | 72 | 73 | 75 | 71 | 75 | 61 |
| 52 1 | 73 | 71 | 70 | 73 | 71 | 76 | 72 | 73 | 73 | 73 | 70 | 72 | 7.0 |
| 53 | 72 | 72 | 71 | 69 | 75 | 74 | 72 | 70 | 73 | 74 | 73 | 74 | 61 |
| 54 | 73 | 70 | 72 | 72 | 74 | 73 | 74 | 72 | 71 | 73 | 74 | 74 | 70 |
| 55 I | 73 | 73 | 69 | 72 | 73 | 72 | 72 | 73 | 71 | 72 | 72 | 72 | 61 |
| 56 1 | 70 | 70 | 72 | 73 | 71 | 73 | 72 | 71 | 71 | 72 | 75 | 73 | 7 |
| 57 I | 72 | 70 | 71 | 74 | 72 | 75 | 73 | 72 | 73 | 71 | *69 | 71 | *6 9 |
| 58 | 71 | 71 | 72 | 74 | 73 | 74 | 74 | 75 | 73 | 72 | 74 | 73 | 7 |
| 59 I | 70 | 73 | 71 | 73 | 75 | 75 | 74 | 72 | 72 | 74 | 74 | 74 | 70 |
| 60 i | 73 | 72 | 72 | 75 | 74 | 73 | 72 | 70 | 73 | 72 | 71 | 73 | 70 |
| 61 1 | 72 | 72 | 72 | 73 | 74 | 71 | 71 | 72 | 72 | 73 | 72 | 73 | 7 |
| 62 | 73 | 73 | 74 | 72 | 73 | 70 | 70 | 73 | 73 | 72 | +74 | 68 | 61 |
| 63 | 66 | 71 | 69 | 72 | 72 | 73 | 72 | 74 | 71 | 73 | 73 | 71 | 61 |
| 64 | 70 | 70 | 71 | 73 | 74 | 74 | 72 | 71 | 72 | 71 | 74 | 73 | 7 |
| 65 | 70 | 73 | 69 | 71 | 74 | 73 | 73 | 74 | 73 | 72 | 74 | 72 | 6' |
| 66 1 | 71 | 73 | 70 | 72 | 74 | 79 | 73 | 73 | 72 | 72 | 76 | 76 | 7 |
| 67 J | 76 | 72 | 71 | 72 | 73 | 74 | 72 | 72 | 74 | 74 | 74 | 73 | 7 |
| 68 | 72 | 71 | 74 | 69 | 75 | 74 | 74 | 73 | 73 | 74 | 72 | 72 | 6 |
| 69 I | 70 | 70 | 70 | 74 | 76 | 76 | 73 | 74 | 75 | 73 | 75 | 74 | 71 |
| 70 | 73 | 73 | 74 | 75 | 77 | 76 | 75 | 74 | 73 | 74 | 74 | 74 | 7 |
| 71 | 71 | 72 | 73 | 73 | 73 | 72 | 72 | 71 | 72 | 73 | 74 | 72 | 7 |
| 72 1 | 70 | 73 | 72 | 69 | 71 | 72 | 70 | 71 | 73 | 75 | 75 | 74 | 6 |
| 73 1 | 73 | 71 | 73 | 74 | 75 | 75 | 74 | 72 | 72 | 75 | 77 | 75 | 7 |
| 74 1 | 72 | 74 | 72 | 74 | 75 | 74 | 74 | 74 | 72 | 73 | 75 | 74 | 7 |
| 75 | 73 | 74 | 72 | 73 | 75 | 77 | 73 | 72 | 73 | 74 | 73 | 73 | 7. |
| 76 1 | 72 | 72 | 73 | 71 | 71 | 74 | 74 | 73 | *73 | 73 | 75 | 74 | 7 |
| 77 | 70 | 74 | 72 | 71 | 72 | 74 | 74 | 70 | 72 | 74 | 74 | 73 | 71 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 48-87

| | | | | | | 1 | MHOLE DE | | | | | | | |
|----------|---------|-------|-----------------|-------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|-------|---------------|-----------------|-----------------------|
| | 1 | | | | | | -M-0 | -N-T-H-S | - | | | | | ALL |
| YEAR | ı | MAL | FEB | MAR | APR | HAY | JUN | JUL | AUG | SEP | OCT | NOA | DEC | MONTHS |
| ••••• | | | • • • • • • • • | | • • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • | | • • • • • • • | • • • • • • • • | • • • • • • • • • • • |
| 78 | ı | 71 | 69 | 73 | 74 | 74 | 71 | 74 | 72 | 74 | 74 | 73 | 72 | 69 |
| 79 | 1 | 72 | 74 | 73 | 73 | 73 | 75 | 75 | 74 | 75 | 75 | 76 | 72 | 72 |
| 80 | 1 | 71 | 73 | 73 | 74 | 75 | 69 | 71 | 72 | 71 | 74 | 74 | 74 | 69 |
| 81 | 1 | 70 | 74 | 72 | . 73 | 75 | 74 | 73 | 72 | 74 | 72 | 74 | 74 | 70 |
| 82 | - 1 | 74 | 71 | 72 | 72 | 75 | 75 | 74 | 74 | 73 | 73 | 75 | 72 | 71 |
| 83 | i | 70 | 72 | 73 | 75 | 75 | 78 | 74 | 74 | 75 | 77 | 75 | 73 | 70 |
| 84 | ļ | 73 | 74 | 75 | 78 | 79 | 75 | 75 | 75 | 72 | 74 | 75 | 74 | 72 |
| 85 | 1 | 74 | 72 | 72 | 74 | 74 | 74 | 73 | 74 | 72 | 73 | 73 | 74 | 72 |
| 86 | 1 | 74 | 73 | 73 | 74 | 75 | 74 | 73 | 73 | 75 | 71 | 74 | 71 | 71 |
| 87 | 1 | 71 | 74 | 73 | 73 | 75 | 77 | 74 | 75 | 76 | 75 | 75 | 74 | 71 |
| MEAN | · ; · · | 71.7 | 72.0 | 71.9 | 72.8 | 73.8 | 73.8 | 72.9 | 72.6 | 72.7 | 73.1 | 73.8 | 73.0 | 70.2 |
| S.D. | 1 | 1.741 | 1.405 | 1.542 | 1.725 | 2.060 | 1.824 | 1.301 | 1.355 | 1.309 | 1.381 | 1.493 | 1.441 | 1.507 |
| OTAL OBS | i | 1208 | 1101 | 1209 | 1170 | 1240 | 1200 | 1239 | 1240 | 1198 | 1240 | 1193 | 1240 | 14478 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
IAT LEAST ONE DAY LESS THAN 24 OBS)

10

DRY-BULB TEMPERATURES DEG F FPOM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| LST | | JAN | FEB | HAR | A PR | HAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-----------|-----------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|------------------------|
| 00-02 | MEAN | - | 76.7 1.467 846 | 77.3 1.521 930 | 78.2 1.844 900 | 79.3 2.174 930 | 79.5 1.913 900 | 79.1 1.626 930 | 78.8 1.888 930 | 79.2 2.205 900 | 79.6 2.202 930 | 79.4 1.656 900 | 78 • 2 1 • 6 1 8 9 3 0 | 78.5 2.085 10953 |
| 03-05 | MEAN | 76.5 | 76.3 | 76.9 | 77.7 | 78.8 | 79.1 | 78.6 | 78.3 | 78.7 | 79-2 | 79.1 | 77.9 | 78.1 |
| | SO | 1 1.699 | 1.516 | 1.554 | 1.818 | 2.206 | 1.767 | 1.638 | 1.937 | 2.156 | 2-200 | 1.692 | 1.776 | 2.089 |
| | TOT OBS | 1 927 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 1 ₀ 953 |
| 06-081 | MEAN | 76.9 | 76.6 | 77.4 | 78.6 | 79.7 | 80 1 | 79.4 | 79.0 | 79.5 | 80.0 | 79.7 | 78.3 | 78.8 |
| | SD | 1 1.810 | 1.583 | 1.697 | 2.110 | 2.379 | 2 102 | 2.641 | 2.179 | 2.519 | 2.395 | 1.939 | 1.962 | 2.378 |
| | TOT OBS | 927 | 846 | 930 | 900 | 93 ₀ | 900 | 938 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 09-11 | MEAN | 79.8 | 79.5 | 80.4 | 81.8 | 82.9 | 83.0 | 82 · 3 | 82.0 | 82.6 | 82.8 | 82.3 | £0.9 | 81.7 |
| | SD | 2.097 | 2.114 | 2.041 | 2.420 | 2.508 | 2.599 | 2 · 5 4 0 | 2.660 | 2.981 | 2.604 | 2.185 | 2.28g | 2.709 |
| | TOT OBS | 929 | 846 | 930 | 900 | 930 | 900 | 9 3 0 | 930 | 900 | 930 | 900 | 930 | 10955 |
| • | TOT OBS | - | 80.7 2.197 846 | 81.8 2.022 930 | 83-1 2-370 900 | 83.9 2.744 929 | 83.9 2.829 900 | 83.2 2.660 930 | 82.8 2.982 930 | 83.4 2.974 900 | 83.6 2.584 930 | 83.0 2.384 900 | 81.9 2.263 930 | 82.7 2.723 10955 |
| 15-17 | MEAN SD TOT OBS | 8D.2 | 79.9 2.091 846 | 80.9 1.946 930 | 82.0 2.302 900 | 82.9 2.650 930 | 83-0 2-729 900 | 82.4 2.646 930 | 82.0 2.761 930 | 82.5 2.823 900 | 82.5 2.466 930 | 81.9 2.245 900 | 80.8 2.156 930 | 81.8 2.618 10956 |
| 18-20 | MEAN | 77.9 | 77.7 | 78.6 | 79.4 | 80.6 | 80.8 | 80.5° | 80.1 | 80.6 | 8 ₀ .7 | 80.2 | 79.0 | 79•7 |
| | SD | 1.584 | 1.513 | 1.556 | 2.019 | 2.293 | 2.071 | 2.171 | 2.143 | 2.314 | 2.103 | 1.811 | 1.714 | 2•231 |
| | TOT OBS | 1.930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 21-23 | MEAN | 77.3 | 77.1 | 77.9 | 78.6 | 79.9 | 80.0 | 79.6 | 79.3 | 79.9 | 80.2 | 79.8 | 78.6 | 79.0 |
| | SO | 1 1.570 | 1.417 | 1.413 | 1.870 | 2.154 | 1.889 | 1.822 | 1.926 | 2.252 | 2.109 | 1.681 | 1.698 | 2.108 |
| | TOT OBS | 1 930 | 846 | 930 | 900 | 930 | 900 | 93 ₀ | 930 | 900 | 929 | 900 | 930 | 1 ₀ 955 |
| ALL HOURS | MEAN | 78.4 | 78.1 | 78.9 | 79.9 | 81.0 | 81.2 | 80.7 | 60.3 | 80.8 | 81.1 | 80.7 | 79.4 | 80.0 |
| | SD | 2.463 | 2.383 | 2.469 | 2.860 | 3.015 | 2.866 | 2.731 | 2.853 | 3.054 | 2.802 | 2.412 | 2.407 | 2.898 |
| | TOT OBS | 7430 | 6768 | 7440 | 7200 | 7439 | 7200 | 7440 | 7440 | 7200 | 7439 | 7200 | 7440 | 87636 |

WET-BULB TEMPERATURES DEG F FROM Hourly observations

HEARS AND STANDARD DEVIATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | ост | NOV | DEC | ANN |
|-------|---------------------------|-----------------------|-----------------------------------|-----------------------|-----------------------|-----------------------|----------------------------------|----------------------------------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------------------|
| | MEAN I SD I TOT OBS | 72.2 2.336 927 | 71.9 1.764 846 | 72.7 1.752 930 | 73.5 1.799 900 | 74.9 1.597 930 | 75.4 1.565 900 | 75.4 1.518 930 | 75.3 1.721 930 | 75.5 2.049 900 | 76.0 2.009 930 | 75.6 1.616 900 | 74.4 1.938 930 | 74.4 2.276 10953 |
| 03-05 | MEAN SD TOT OBS | 71.9 2.315 927 | 7 ₁ .7 1.847 846 | 72.4 1.845 930 | 73.3 1.860 900 | 74.6 1.639 930 | 75.2 1.550 900 | 75 • 1 1 • 48 9 93 0 | 75.1 1.767 930 | 75.2 2.086 900 | 75.7 2.066 930 | 75.4 1.633 900 | 74.2 2.024 930 | 74.2 2.315 10953 |
| 06-08 | TOT OBS | 72.0 2.362 927 | 71.9 1.804 846 | 72.6 1.895 930 | 73.7 1.948 900 | 75.1 1.735 930 | 75.7 1.667 900 | 75.6 1.660 930 | 75.5 1.869 930 | 75.6 2.244 900 | 76.2 2.106 930 | 75.7 1.713 900 | 74.4 2.013 930 | 74 • 5 2 • 4 4 1 1 0 9 5 3 |
| | MEAN SD TOT OBS | 73.5 2.367 929 | 73.4 1.740 646 | 74.2 1.794 930 | 75.2 1.886 900 | 76.7 1.674 930 | 77.1 1.670 900 | 77.0 1.641 930 | 76.9 1.903 930 | 77.3 2.044 900 | 77.7 2.095 930 | 77.2 1.742 900 | 75.7 1.963 930 | 76.0 2.391 10955 |
| 12-14 | MEAN ! | 74.2 2.421 930 | 73.9 1.752 846 | 74.8 1.821 930 | 75.7 1.866 900 | 77.0 1.636 929 | 77.5 1.718 900 | 77.3 1.618 93 ₀ | 77.1 1.956 930 | 77.5 1.936 900 | 77.9 2.071 930 | 77.6 1.772 900 | 76.1 1.927 930 | 76.4 2.317 1 ₀ 955 |
| 15-17 | 101 085 | 73.6 2.310 930 | 73.5 1.736 846 | 74.2 1.687 930 | 75.1 1.791 900 | 76.5 1.661 930 | 77. ₀ 1.674 900 | 76.8 1.641 930 | 76 • 7 1 • 86 4 930 | 76.9 1.864 900 | 77.3 1.974 930 | 76.9 1.688 900 | 75.5 1.890 930 | 75.8 2.256 10956 |
| 18-20 | TOT OBS! | 72.5 2.206 930 | 72.4 1.624 846 | 73.2 1.627 930 | 74.0 1.739 900 | 75.4 1.589 930 | 75.9 1.57 ₀ 900 | 75.9 1.505 930 | 75.8 1.754 930 | 76.0 1.904 900 | 76.4 1.996 930 | 76.0 1.569 900 | 74.7 1.915 930 | 74.9 2.246 10956 |
| 21-23 | TOT OBS! | 72.4 2.228 930 | 72.2 1.688 846 | 72.9 1.676 930 | 73.7 1.739 900 | 75.2 1.579 930 | 75.7 1.466 900 | 75.6 1.563 929 | 75.6 1.670 930 | 75.8 1.997 900 | 76.2 1.987 929 | 75.8 1.559 900 | 74.6 1.989 930 | 74.7 2.248 1 ŋ954 |
| ALL | MEAN SD Tot obs | 72.8 2.448 7430 | 72.6 1.924 6768 | 73.4 1.952 7440 | 74.3 2.026 7200 | 75.7 1.842 7439 | 76.2 1.812 7200 | 76.1 1.755 7439 | 76.0 1.957 7440 | 76.2 2.179 7200 | 76.7 2.179 7439 | 76.3 1.833 7200 | 75.0 2.073 7440 | 75.1 2.443 87635 |

DEM-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| HOURS! | STATS 1 | JAN | FEB | MAR | APR | HAY | JUN | JUL | AUG | SEP | oct | NOV | DEC | ANN |
|------------|----------------------------|----------------------------------|-----------------------------------|-----------------------|----------------------------------|----------------------------------|-----------------------|----------------------------------|--------------------------|-----------------------------------|----------------------------------|----------------------------------|------------------------------|-------------------------------------|
| 00-02 | MEAN I SD I TOT OBSI | 69•9 3•299 927 | 69.6 2.522 846 | 70.5 2.429 930 | 71.4 2.369 90 ₀ | 73.1 1.927 930 | 73.8 1.949 900 | 73.9 2.076 930 | 73.9 2.116 930 | 73.9 2.691 900 | 74.5 2.368 93 ₀ | 74.1 2.041 900 | 72.8 2.613 930 | 72.6 2.928 10953 |
| | TOT OBS! | 69.6 3.231 927 | 69.4 2.652 846 | 70,2 2,514 930 | 71.2 2.442 900 | 72.8 2.044 930 | 73.6 1.963 900 | 73.7 1.959 930 | 73.7 2.155 930 | 73.6 2.744 900 | 74.3 2.437 930 | 73.9 2.054 900 | 72.5 2.672 930 | 72.4 2.971 10953 |
| 06-08 | MEAN 1 SD I TOT OBSI | 69.7 3.322 927 | 69.5 2.644 846 | 70.4 2.592 930 | 71.5 2.531 900 | 73.2 2.092 930 | 73.9 2.007 900 | 74.1 2.070 930 | 74 • 1 2 • 199 930 | 74.0 2.8 ₁ 7 900 | 74.8 2.415 930 | 74.1 2.080 90 ₀ | 72.7 2.638 930 | 72.7 3.069 10953 |
| | 101 0B2 | 70.6 3.402 929 | 70.7 2.593 846 | 71.5 2.526 930 | 72,4 2.479 900 | 74.1 2.122 930 | 74.7 2.014 900 | 74.9 2.048 930 | 74.9 2.168 930 | 75.1 2.417 900 | 75.7 2.480 930 | 75.2 2.081 900 | 73.6 2.577 930 | 73.6 3.003 10955 |
| 12-14 | MEAN ! | 71.0 3.522 93 ₀ | 7 ₀ .9 2.540 846 | 71.7 2.518 930 | 72.6 2.450 900 | 74.2 2.000 929 | 75.0 1.931 900 | 74.9 2.092 93 ₀ | 74.9 2.213 930 | 75.1 2.355 900 | 75.7 2.416 930 | 75.4 2-079 900 | 73.8 2.582 930 | 73.8 2.946 1 ₀ 955 |
| 15-17 | TOT OBS | 70.6 3.366 930 | 70.5 2.613 846 | 71.3 2.332 930 | 72.2 2.336 900 | 73.8 1.999 93 ₀ | 74.6 1.947 900 | 74.5 2.123 930 | 74.5 2.130 930 | 74.6 2.323 900 | 75.2 2.354 930 | 74.9 2.021 900 | 73.3 2.601 930 | 73.4 2.894 10956 |
| 18-201 | TOT GBS ! | 70.0 3,169 930 | 69.8 2.434 846 | 70.7 2.248 930 | 71.6 2.276 900 | 73.2 1.934 930 | 73.9 1.898 900 | 74.0 2.010 930 | 74.1 2.053 930 | 74.2 2.509 900 | 74.7 2.400 930 | 74.3 1.958 900 | 72 • 8 2 • 5 9 2 9 3 0 | 72.8 2.874 10956 |
| 21 -23 | MEAN ! SD TOT OBS | 70.0 3.176 930 | 69.9 2.485 846 | 70.6 2.346 930 | 71.6 2.323 900 | 73.3 1.927 930 | 73.9 1.859 900 | 74.0 2.169 929 | 74.0 1.937 930 | 74.1 2.572 980 | 74-7 2.342 929 | 74.3 1,944 900 | 72.9 2.647 930 | 72.8 2.881 10954 |
| ALL HOURS! | MEAN 1 SO J TOT OBS | 70.2 3.344 7430 | 70.0 2.616 6768 | 70.8 2.495 7440 | 71.8 2.449 7200 | 73.5 2.058 7439 | 74.2 2.005 7200 | 74.3 2.110 7439 | 74.3 2.161 7440 | 74.3 2.612 7200 | 74.9 2.453 7439 | 74.5 2.102 7200 | 73.0 2.650 7440 | 73.0 2.985 87635 |

GLUBAL CLIMATOLOGY BRANCH

USAFETAC

FROM HOURLY OBSFRVATIONS

AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSFRVATIONS

| STATI | ON NUMBER | R: 912183 | STATION | NAME: | ANDERSEN | | | | | PEPIOD OF MONTH: JAN | 1 | 78-87 |
|-------|---------------|-------------------------|---------|-------|----------|---------|-----------|----------|--------|-------------------------|----------|--------------------|
| | HOURS | | | | FREQUENC | Y OF RE | LATIVE HU | MIDITY 6 | REATER | | | 1 TOTAL NUM |
| | 1 | 1 10% | 203 | 30% | 40% | 50% | 60% | 7 0% | 80% | 90% | HUMIDITY | |
| PAL |] 00-02 | 1 _{60.0} | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 84.3 | 46.8 | 6.6 | 79.1 | 927 |
| | 33-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 85.8 | 48.7 | 6.3 | 79.3 | 927 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 82.6 | 45.7 | 4.3 | 78.7 | 927 |
| | C9-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 92.4 | 67.7 | 20.2 | 2.5 | 73.9 | 925 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 87.2 | 57.8 | 14.3 | 1.7 | 71.6 | 93[|
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 91.0 | 61.4 | 17.8 | 2.2 | 72.8 | 936 |
| | 18-20 | 1 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 79.5 | 31.2 | 3.2 | 76.6 | 930 |
| | 21-23 | 1 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 84.4 | 40.5 | 4.8 | 78.2 | 930 |
| | 1 1 TOTALS | / 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 95.5 | 75.4 | 33.2 | 4.8 | 76.3 | 743C |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: FEB PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN TOTAL NUM OBS HOURS RELATIVE 20% 90% (LST) I 30% 50% 633 7₀% 8₀% 40% 10% HUMIDITY FEB | 00-02 100.0 100.0 100.0 100.0 100.0 99.9 88.1 45.4 79.0 03-05 100.0 100.0 100.0 100.0 100.0 99.3 88.2 46.9 5.9 79.4 84 t 06-08 160.0 100.0 100.0 98.9 87.2 45.2 100.0 100.0 5.2 78.8 846 09-11 100.0 100.0 100.0 100.0 100.0 95.4 69.5 23.3 4.1 74.8 846 12-14 92.9 100.0 100.0 100.0 100.0 100.0 58.7 15.8 2.6 72.4 846 15-17 100.0 100.0 100.0 100.0 99.9 94.1 62.6 19.4 2.7 73.4 846 18-20 100.3 100.0 100.0 100.0 100.0 99.1 81.9 33.2 3.3 76.8 846 21-23 100.0 100.0 100.0 100.0 100.0 99.6 87.5 42.1 4.5 846 ITOTALS ! 100.0 100.0 100.0 100.0 100.0 97.4 78.0 33.9 4 . 0 76.6 6768

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

78-87

PERIOD OF RECORD:

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

MONTH: MAR PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | MEAN | TOTAL | | IRELATIVE | NUM | | | IHUMIGITY | OBS | 20% 30% 40% 5 901 J (LST) j 7 0% 808 60% 20% 50% 103 MAR I 00-02 100.0 100.0 100.0 93C 100.0 03-05 100.0 100.0 100.0 100.0 100.0 95.1 46.6 5.5 79.8 93C 100.0 06-08 100.0 100.0 100.0 100.0 100.0 99.7 90.5 43.0 5.5 78.9 93C 09-11 100.0 100 - D 100.0 100.0 69.5 19.8 930 100.0 97.5 2.7 74.4 12-14 100.0 100.0 100.0 100.0 93.5 55.1 10.4 1.2 71.7 93C 100.0 11.7 15-17 1 100.0 100.0 100.0 100.0 100.0 96.6 61.4 1.2 72.6 93[18-29 100.0 100.0 100.0 100.0 100.0 99.8 87.6 26.6 1.5 76.8 93L 21-23 | 100.0 100.0 100.0 100.0 100.0 100.0 91.6 35.5 78.4 930 ITOTALS I 100.0 100.0 100.0 100.0 98.4 29.6 100.0 80.5 3.1 76.5 744C

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 11 HOURS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN TOTAL | | MEAN | | RELATIVE NUP | 085 | (LST) 20% 34% 40% 50% 60% 70% 80% 90% 108 INTEGEMENT 00-02 100.0 100.0 100.0 100.0 3.6 79.8 300 03-05 94.4 160.0 100.0 100.0 100.0 100.0 51.6 4.D 80.3 90 C 100.0 06-08 100.0 100.0 100.0 100.0 100.0 99.7 88.9 44.6 3.0 78.9 900 09-11 100.0 100.0 100.0 100.0 100.0 96.0 62.1 16.8 1.1 73.2 90 C 12-14 100.0 100.0 100.0 100.0 100.0 93.3 48.1 8.6 . 7 70.8 900 15-17 100.0 160.0 100.0 100.0 100.0 97.4 57.2 12.1 . 4 900 18-20 100.0 100.0 100.0 100.0 100.0 30.6 2.2 77.3 900 100.0 21-23 100.0 100.0 99.9 91.4 42.6 3.8 79.2 900 100.0 100.0 100.0 ITOTALS I 100.0 98.3 77.6 31.9 100.0 100.0 100.0 100.0 2.4 76.5 720C

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87
MONTH: MAY

ER THAN | MEAN | 101/

| MONTH! | HOURS (LST) | • | PE1 | CENTAGE 3ú% | FREQUENC 4G% | Y OF REI | ATIVE HU | MIDITY G | REATER TO | HAN 9Dz | MEAN !RELATIVE! !HUMIDITY! | TOTAL NUM OBS |
|--------|----------------|-------|-------|----------------|-----------------|----------|----------|----------|-----------|------------|------------------------------------|-------------------------|
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.2 | 59.2 | 4.3 | 81.4 | 930 |
| į | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 93.7 | 61.6 | 6.2 | 82.0 | 930 |
| į | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 92.8 | 49.8 | 5.2 | 80.4 | 93C |
| į | 09-11 | 100.0 | 100.9 | 100.0 | 100.0 | 100.0 | 98.4 | 71.1 | 22.3 | 2.6 | 74.7 | 930 |
| | 12~14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.3 | 59.6 | 15.4 | 1.8 | 72.7 | 925 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 68.6 | 17.3 | 1.7 | 74 - 1 | 93C |
| į | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 87.0 | 36.9 | 2.2 | 78.3 | 930 |
| j | 21-23 | 100.0 | 100.0 | 100.6 | 100.0 | 100.0 | 100.0 | 93.1 | 52.7 | 3.8 | 80.3 | 930 |
| 1 | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 82.5 | 39.4 | 3.5 | 78.0 | 7439 |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: MONTH: JUN

78-87

| MONTH | HOURS | | PEI | CENTAGE | FREQUENC | Y OF RLL | UH BVITA. | MIDITY G | REATER T | HAN | } MEAN } | TOTAL ! |
|-------|--------|---------|-------|---------|----------|----------|-----------|----------|----------|-----|-----------|---------|
| ••••• | ! | 102 | 20% | 30* | 40% | 50% | 602 | 7.0% | 80% | 902 | HUMIDITY! | OBS ! |
| Jun I | 00-02 | 1 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.9 | 64.0 | 7.9 | 82.6 | 900 |
| | 03-05 | 1,00.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 69.8 | 7.3 | 83.1 | 900 |
| į | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.1 | 58.7 | 4.8 | 81.5 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 76.0 | 27.9 | 2.9 | 76.2 | 900 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 69.7 | 19.1 | 2.9 | 74.5 | 90C |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 75.7 | 23.2 | 2.9 | 75.7 | 90C |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 93.2 | 44.7 | 3.0 | 79.6 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.1 | 59.6 | 4.2 | 81.7 | 90C |
| | TOTALS | - 55.7 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 87.6 | 45.9 | 4.5 | 79.4 | 7200 |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE RELATIVE MUMIDITY
FROM MOURLY ORSERVATIONS

| 21 11 1 | UN NUMBE | W: 91218U | STATION | NADE: | A NUER SE N | AFB GUAF | • | | | MONIH: JU | | 0-61 | |
|---------|----------|-----------|---------|-------|-------------|----------|------|-------|------|-----------|------------|---------|-------|
| MONTH | HOURS | | PE | | FREQUEN | | | | | THAN | MEAN | TOTAL I | ••••• |
| | , | 10% | 50\$ | 30\$ | 40% | 50% | 692 | 7 0% | | 90% | IYTIOIMUHI | | |
| JUL | 1 00-02 | 1 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.1 | 97.8 | 75.9 | 9.6 | 84.0 | 93C | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98 •0 | 78.9 | 13.1 | 84.7 | 930 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 97.3 | 79.1 | 10.4 | 83.6 | 930 | |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 98.6 | 87.1 | 38.4 | 4.5 | 78.2 | 930 | |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 97.6 | 78 •6 | 26.7 | 3.2 | 76.0 | 930 | |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 98.3 | 82.3 | 32.5 | 4.1 | 77.1 | 930 | |
| | 1 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 93.8 | 54.7 | 5.5 | 80.6 | 930 | |
| | 21-23 | 1 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 96.6 | 69.6 | 5.8 | 82.7 | 929 | |
| | TOTALS | 1 100.0 | 100 • D | 100.0 | 100.0 | 99.7 | 98.7 | 91.4 | 56.4 | 7.0 | 80.9 | 7439 | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PERIOD OF RECORD: 78-87 HONTH: AUG

| HONTH | HOURS | | PEI | | | • | ATIVE HU | | | HAN | MEAN | TOTAL NUM |
|-------|--------|--------------|-------|-------|-------|-------|----------|------------------|------|------|------------|----------------|
| | i | 108 | 20% | 30% | 40% | 50% | 60% | 7 ₀ % | 80% | 90% | IHUMIDITYI | - : |
| AUG | 00-02 | ! ! 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 99.7 | 79.5 | 13.5 | 84.9 | 936 |
| i | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 99.6 | 82.9 | 15.6 | 85.6 | 936 |
| İ | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 99.6 | 77.2 | 11.6 | 84.5 | 93C |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 92.6 | 40.6 | 2.9 | 78.9 | 93C |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 83.8 | 30.0 | 3.0 | 77.3 | 93 C |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.1 | 86.4 | 33.4 | 2.8 | 78.0 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 59.7 | 3.8 | 81.8 | 93C |
| ļ | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 74.0 | 8.0 | 83.8 | 93 C |
| 1 | TOTALS | 1 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.6 | 95.2 | 59.7 | 7.7 | 81.8 | 7440 |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE .
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

PEPIOD OF RECORD: MONTH: SEP

78-87

| HTHOM | HOURS | ; ! | PEI | CENTAGE | FREQUENC | OF REL | ATIVE HU | MIDITY 6 | REATER T | HAN | MEAN RELATIVE! | TOTAL |
|-------|--------|--------|-------|---------|----------|--------|----------|----------|----------|------|-----------------------|-------|
| | | 103 | 20\$ | 302 | 40\$ | 502 | 60% | 7 02 | 801 | 90% | HUMIDITY | OBS I |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.1 | 97.2 | 70.4 | 13.1 | 83.6 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.4 | 97.4 | 73.9 | 15.0 | 84.4 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.3 | 96.9 | 67.4 | 11.9 | 83.4 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 84.1 | 36.1 | 6.2 | 78.1 | 900 |
| | 12-14 | 160.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.8 | 78.2 | 27.3 | 5.2 | 76.2 | 90 C |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.1 | 80.4 | 32.2 | 4.7 | 77.1 | 900 |
| | 18~20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 97.9 | 93.4 | 52.4 | 7.3 | 80.8 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 98.1 | 97.1 | 63.2 | 9.0 | 82.4 | 90C |
| 1 | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.2 | 90.6 | 52.9 | 9.1 | 80.8 | 7200 |

...

GLUBAL CLIMATOLOGY BRANCH
USAFETAC
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| ITATE | ON NUMBER | R: 912160 | STATION | NAME: | ANDERSEN | AFB GUA | н | | | PERIOD OF MONTH: OC | τ | 78-87 | |
|-------|-----------|-----------|---------|-------|----------|---------|-------|--------|---------|---------------------|----------|-------|---|
| MONTH | HOURS | | | | FREQUENC | | | MIDITY | GREATER | THAN | MEAN | TOTAL | ! |
| | 1 | 102 | 203 | 302 | 408 | 50% | 60% | 7 02 | 80% | 90 <u>s</u> | HUMIDITY | | 1 |
| ост | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 73.8 | 10.6 | 84.0 | 930 | |
| | 03-05 | 100.0 | 160.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 76.3 | 13.7 | 84.8 | 930 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 70.5 | 10.9 | 83.9 | 930 | |
| | 09-11 | 100.0 | 100 • 0 | 100.C | 100.0 | 100.0 | 99.6 | 89.0 | 39.6 | 4.5 | 78.9 | 930 | |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 84.8 | 29.2 | 2.4 | 77.3 | 930 | |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 89.7 | 36.8 | 3.8 | 78.5 | 93C | |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.5 | 62.3 | 4.9 | 81.9 | 930 | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 68.6 | 7.4 | 83.2 | 925 | |
| | TOTALS | ! ! ! | 100.0 | 100.0 | 100.0 | 100-0 | 00.0 | 2.40 | 57.1 | 7.3 | 81-6 | 7439 | |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUNIDITY

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM PERIOD OF RECORD: 78-87 MONTH: NOV | MEAN | TOTAL | |RELATIVE | NUM | |HUMIDITY | OBS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 20% 30% 40% 50% 60% 70% 80% 90% 801 90% 30\$ 1 00-02 100.0 90C 100.0 100.0 100.0 100.0 99.8 98.9 72.4 6.9 83.5 100.0 100.0 100.0 100.0 100.0 99.0 83.9 06-08 100.0 100.0 100.0 100.0 100.0 83.1 900 100.0 70.2 09~11 100.0 100.0 79.1 900 100.0 12-14 100.0 100.0 100.0 100.0 100.0 99.6 33.6 77.8 900 15~17 100.0 100.0 100.0 100.0 130.0 100.0 90.7 79.2 90C 18-20 100.0 100.0 100.0 100.0 100.0 99.7 96.3 64.1 4.3 82.0 900 21~23 100.0 100.0 100.0 100.0 100.0 98.2 71.2 83.0 9D£ ITOTALS I 100.0 100.0 100.0 100.0 99.9 95.2 58.9 81.5 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
FROM HOURLY OBSERVATIONS

RELATIVE HUHIDITY
USAFETAC
FROM HOURLY OBSERVATIONS

| STATI | ON NUMBE | R: 912180 | STATION | NAME: | ANDERSEN | AFB GUAP | t | | | PERIOD OF MONTH: DE | | 78-87 | |
|-------|----------|-----------|---------|-----------|-------------------|-----------------|-----------------|---------------|---------|---------------------|----------|---------------|-------|
| MONTH | HOURS | 1 | PEI | RCENT AGE | FREQUENC | Y OF REL | ATIVE HE | MIDITY | GREATER | THAN | MEAN | TOTAL NUM | 1 |
| | 1 | 10% | 50\$ | 301 | 40* | 50% | 60% | 7.0% | 80% | 90% | HUMIDITY | OBS | 1 |
| •••• | ł | } | •••••• | ••••• | • • • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • | | • • • • • • • • • | | • • • • • • • | ••••• |
| DEC | 00-02 | 1 100.0 | 100 • 0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.7 | 67.7 | 11.7 | 83.2 | 936 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.5 | 68.8 | 13.9 | 83.6 | 930 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95 •5 | 64.1 | 13.2 | 82.9 | 93C | |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 84 .9 | 39.4 | 6.3 | 78.7 | 930 | |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 160.0 | 98.2 | 77.8 | 28.4 | 4.9 | 76.6 | 930 | |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 83.4 | 37.4 | 6.2 | 78.0 | 93 C | |
| | 18-20 | 100.0 | 100 • 0 | 100.0 | 100.0 | 100.0 | 99.8 | 94.4 | 56.2 | 8.1 | 81.4 | 93C | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 95 •2 | 64.4 | 10.9 | 82.6 | 93 C | |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 90.7 | 53.3 | 9.4 | 80.9 | 744C | |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

| STATIO | ON NUMBER | R: 912180 | STATION | NAME: A | NDERSEN | AFB GUAN | | | | PERIOD OF MONTH: ALL | | 8-87 |
|--------|-----------|-----------|---------|----------|---------|----------|------|--------|---------|----------------------|----------|----------|
| HONTH | HOURS | | PEI | RCENTAGE | FREQUEN | Y OF REL | | HIDITY | SREATER | THAN | MEAN | TOTAL ! |
| | | 103 | 20% | 302 | 40% | 50% | 60% | 7 0% | 80% | | HUMIDITY | |
| JAN | | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 95.5 | 75.4 | 33.2 | 4.0 | 76.3 | 743C |
| FEB | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.4 | 78.0 | 33.9 | 4.0 | 76.6 | 6768 |
| MAR | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 80.5 | 29.6 | 3.1 | 76.5 | 744 C |
| APR | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 77.6 | 31.9 | 2.4 | 76.5 | 7200 |
| HAY | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 82.5 | 39.4 | 3.5 | 78.0 | 7439 |
| JUN | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 87.6 | 45.9 | 4.5 | 79.4 | 720C |
| JUL | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 91.4 | 56.4 | 7.0 | 80.9 | 7439 |
| Aug | | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.6 | 95 • 2 | 59.7 | 7.7 | 81.8 | 744 C |
| SEP | | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.2 | 90.6 | 52.9 | 9.1 | 80.8 | 720C |
| 0.01 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 94.5 | 57.1 | 7.3 | 81.6 | 7439 |
| NOV | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 95.2 | 58.9 | 4.9 | 81.5 | 720C |
| DEC | | :30.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 90.7 | 53.3 | 9.4 | 80.9 | 744C |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 86.6 | 46.0 | 5.6 | | 8 76 3 5 |

PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY TALL YEARS COMBINED). PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED). PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES ARE UNAVAILABLE FOR METAR REPORTING STATIONS.

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| HOURS LST | STATS | I JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | ZEP | OCT | NOV | DEC | AMN |
|--------------|-----------------------------|---------------------------|------------------------|--------------------------------------|-----------------------------------|------------------------|------------------------------------|------------------------|-----------------------------------|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------|
| 01 | MEAN SO | 29.235 063 309 | .058 | 29.266 •056 310 | 29.240 -048 300 | 29.215 .055 310 | 29.208 -048 300 | 29.179 -064 310 | 29.158 •064 310 | 29.161 .065 300 | 29.165 -081 31 ₀ | 29.183 -064 300 | 29.207 .068 310 | 29 • 205 • 071 3651 |
| | I MEAN I SD I TOT OBS | 29.200 063 309 | 29.214 .060 282 | 29.237 .055 310 | 29.212 .050 300 | 29.190 .057 310 | 29.183 -049 300 | 29.153 -064 310 | 29.131 .063 310 | 29. ₁ 36 -067 300 | 29.138 .084 310 | 29.154 .063 300 | 29.173 .068 310 | 29 • 177 • 071 3651 |
| | I MEAN I SD I TOT ORS | 29.232 064 309 | 29.249 .061 282 | 29.272 •056 310 | 29.244 .051 300 | 29.222 -056 310 | 29.212 .048 3 ₀₀ | 29.178 .063 310 | 29 • 153 • 064 310 | 29.163 .067 300 | 29.172 .086 310 | 29.191 •063 300 | 29.208 .068 3 ₁₀ | 29 • 208 • 072 3651 |
| | I MEAN I SD ITOT OBS | 29.271 .064 310 | 29.287 .061 282 | 29.304 .056 310 | 29.270 •051 ³00 | 29.240 .055 310 | 29.229 .047 300 | 29.196 .061 310 | 29.179 -063 310 | 29.190 •067 300 | 29.201 .083 310 | 29.222 .063 300 | 29.241 .068 310 | 29.236 .073 3652 |
| 13 | MEAN SO | 29.213 .063 310 | - 06 1 | 29 .25 ₂ .05 6 31 b | 29.224 .050 300 | 29.200 .055 310 | 29.197 .046 300 | 29.165 -061 310 | 29.145 .061 ³ 10 | 29.146 .066 300 | 29.146 .077 310 | 29.162 .061 300 | 29.181 •071 310 | 29.188 .D70 3652 |
| 16 | MEAN SD TOT OBS | 29.182 1 063 1 310 | • G6 1 | 29•212 •056 310 | 29.186 .050 300 | 29.165 .053 310 | 29.164 •046 300 | 29.136 .061 310 | 29.117 .060 310 | 29.117 .065 300 | 29.119 .075 310 | 29.138 .058 300 | 29.155 .070 31 ₀ | 29.157 •068 3652 |
| | I MEAN I SD ITOT OBS | 29.218 .061 310 | 29.227 .060 282 | 29.244 .055 310 | 29.218 .049 3 ₀₀ | 29.195 -051 310 | 29.192 •045 300 | 29.162 .061 310 | 29.147 -062 310 | 29.152 .065 300 | 29.157 .077 31 ₀ | 29.178 .058 300 | 29.195 .068 310 | 29 • 1 90 • 06 7 36 5 2 |
| | MEAN SD TOT OBS | 29.251 062 310 | | 29.283 .055 310 | 29.260 .049 300 | 29.239 .051 310 | 29.231 .046 300 | 29.199 •062 310 | 29.187 -064 310 | 29.192 .065 300 | 29.192 .081 310 | 29.207 •06 ₀ 300 | 29.226 .068 310 | 29 • 22 7 • 06 8 36 5 2 |
| ALL HOURS | MEAN SD TOT OBS | 29.225 068 2477 | 29.239 .066 2256 | 29.259 .062 2480 | 29.232 .056 2400 | 29.208 .059 2480 | 29.202 .051 240 ₀ | 29.171 .065 2480 | 29.152 .066 2480 | 29.157 .070 2400 | 29.161 .084 2480 | 29.179 .066 2400 | 29.198 .074 2480 | 29.198 .D74 29213 |

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 912180 STATION NAME: ANDERSEN AFB GUAM

| LST | | JAN | FEB | MAR | A PR | MAY | JUN | Jul. | AUS | SEP | oct | NOV | DEC | ANN |
|------------|-------------------------------|------------------------|-------------------------|------------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| 01 | L GD I | | 1012.1 1.984 282 | 1012.6 1.942 31 ₀ | 1011.6 1.635 300 | 1010-8 1.848 310 | 1010.5 1.602 300 | 1009.6 2.170 310 | 1008.8 2.147 310 | 1008.9 2.218 300 | 1009-1 2-811 310 | 1009.7 2.174 300 | 1010.5 2.355 310 | 1010.5 2.440 3651 |
| 0 4 | MEAN SD Tot obs | 1010.4 2.149 309 | 1010.9 2.047 282 | 1011.6 1.906 310 | 1.680 300 | 1010.0 1.931 310 | 1009.7 1.658 300 | 1008.7 2.209 310 | 1007.9 2.146 310 | 1008.1 2.307 300 | 1008-1 2-900 310 | 1008.7 2.147 300 | 1009.4 2.356 310 | 1009.5 2.449 3651 |
| 07 | MEAN I SD I TOT ORSI | 2.204 | 1012.1 2.094 282 | | 1011.9 1.740 300 | | 101g.7 1.633 300 | 1009.6 2.149 310 | 1008.7 2.173 310 | 1009.1 2.302 300 | 1009.3 2.944 310 | 1010.0 2.153 300 | 1010.6 2.343 310 | 1010.6 2.497 3651 |
| 10 | MEAN SD TOT OBS | 1012.8 2.218 310 | 1013.4 2.124 282 | 1013.9 1.953 31 ₀ | 1 01 2.7 1.718 300 | 1011.6 1.857 310 | 1011.2 1.589 300 | 1010.2 2.077 310 | 1009.5 2.102 310 | 1009.9 2.263 300 | 1010.3 2.870 310 | 1011.0 2.137 300 | 1011.7 2.369 310 | 1011.5 2.530 3652 |
| 13 | MEAN SD TOT OBS | 2.168 310 | 1011.5 2.111 282 | 1.944 310 | 1.680 300 | 1010.2 1.827 310 | 1.574 300 | 1009.1 2.096 310 | 2.060 310 | 1008.4 2.242 300 | 1008.4 2.653 310 | 1009.0 2.085 300 | 1009.7 2.397 310 | 1009.9 2.424 3652 |
| 16 | MEAN SO Tot obsi | 1009.8 2.151 | 1010.2 2.079 282 | 1010.8 1.915 310 | 1009.8 1.665 300 | 1009.1 1.785 310 | 1009.1 1.547 300 | 1008.1 2.108 310 | 1007.5 2.059 310 | 1007.4 2.248 300 | 1007.5 2.640 310 | 1008.2 1.997 300 | 1008.8 2.410 310 | 1008.8 2.342 3652 |
| 19 | MEAN SD Tot obs | 2.104 310 | 2 • 08 D 28 2 | 1011.9 1.920 310 | 1011.0 1.655 300 | 1010.2 1.725 309 | 1010.0 1.519 300 | 1009.0 2.104 310 | 1008.5 2.099 310 | 1008.7 2.231 300 | 1008.8 2.690 310 | 1009.5 1.988 300 | 1010.2 2.369 310 | 1010.0 2.331 3651 |
| 22 | MEAN I SD TOT OBS | 2.114 | 1012.7 2.036 282 | 1013.2 1.902 310 | 1012.4 1.654 300 | 1011.6 1.731 310 | 1011.3 1.546 300 | 1010.2 2.132 310 | 1009.8 2.119 31 ₀ | 1010-0 2-197 300 | 1010-0 2-816 310 | 1010.5 2.060 300 | 1011.2 2.340 310 | 1011.2 2.357 3652 |
| ALL | MEAN I SD I TOT OBSI | 2.334 | 1011.8 2.268 2256 | 1012.4 2.134 2480 | 1011.4 1.887 2400 | 1010.6 1.993 2479 | 1010.3 1.732 2400 | 1009.3 2.236 2480 | 1008.6 2.232 2480 | 1008.8 2.391 2400 | 1008.9 2.923 2480 | 1009.6 2.268 2400 | 1010.3 2.527 2480 | 1010.3 2.558 29212 |